

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/25/2018

Reviewed on 09/25/2018

1 Identification

- **Product Identifier**
- **Trade Name: NeoStrata Enlighten Ultra Brightening Cleanser
Exuviance Professional OptiLight Daily Prep**
- **Product Number:** FLA:# 378-148
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.
- **Label elements:**
- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
14.7 % of the mixture consists of component(s) of unknown toxicity.
- **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous Components:**

CAS: 61789-40-0	Cocamidopropyl Betaine ⚠ Skin Irrit. 2, H315; Eye Irrit. 2B, H320	2-12%
CAS: 57-55-6 RTECS: TY 2000000	Propylene Glycol	≤2.5%
CAS: 107-41-5 RTECS: SA 0810000	Hexylene Glycol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≤2.5%
CAS: 1336-21-6	Ammonium Hydroxide vPvB ⚠ Acute Tox. 3, H331; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302	≤2.5%

• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

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**Trade Name: NeoStrata Enlighten Ultra Brightening Cleanser
Exuviance Professional OptiLight Daily Prep**

4 First-Aid Measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
If skin irritation occurs, consult a doctor.
- **After eye contact:**
If eye irritation occurs, consult a doctor.
Rinse opened eye for several minutes under running water.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

• **PAC-1:**

57-55-6	Propylene Glycol	30 mg/m ³
107-41-5	Hexylene Glycol	2.3 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
5274-68-0	Tetraethylene glycol monododecyl ether	30 mg/m ³
67-63-0	Isopropyl alcohol	400 ppm
1336-21-6	Ammonium Hydroxide	61 ppm

• **PAC-2:**

57-55-6	Propylene Glycol	1,300 mg/m ³
107-41-5	Hexylene Glycol	25 ppm

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**Trade Name: NeoStrata Enlighten Ultra Brightening Cleanser
Exuviance Professional OptiLight Daily Prep**

122-99-6	2-Phenoxyethanol	16 ppm
5274-68-0	Tetraethylene glycol monododecyl ether	330 mg/m ³
67-63-0	Isopropyl alcohol	2000* ppm
1336-21-6	Ammonium Hydroxide	330 ppm
· PAC-3:		
57-55-6	Propylene Glycol	7,900 mg/m ³
107-41-5	Hexylene Glycol	150 ppm
122-99-6	2-Phenoxyethanol	97 ppm
5274-68-0	Tetraethylene glycol monododecyl ether	2,000 mg/m ³
67-63-0	Isopropyl alcohol	12000** ppm
1336-21-6	Ammonium Hydroxide	2,300 ppm

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

57-55-6 Propylene Glycol	
WEEL	Long-term value: 10 mg/m ³
107-41-5 Hexylene Glycol	
REL	Ceiling limit value: 125 mg/m ³ , 25 ppm
TLV	Short-term value: 50* 10** ppm Long-term value: 25* ppm *vapor **inh. fraction, aerosol only

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.

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**Trade Name: NeoStrata Enlighten Ultra Brightening Cleanser
Exuviance Professional OptiLight Daily Prep**

- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Goggles recommended during refilling.

- **Limitation and supervision of exposure into the environment:** None

* 9 Physical and Chemical Properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Gel
Color:	Pale yellow
Odour:	Characteristic
Odor threshold:	Not determined.

· **pH-value @ 20 °C (68 °F):** 5.5-7

· Change in condition

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	≥100 °C (≥212 °F)

· **Flash point:** None

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** Not applicable

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)

· Density:

Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not determined.

· Solubility in / Miscibility with:

Water: Miscible

· **Partition coefficient (n-octanol/water):** Not determined.

· Viscosity:

Dynamic @ 20 °C (68 °F):	8,000-30,000 mPas
Kinematic:	Not determined.

· Solvent content:

Organic solvents:	1.1 %
VOC content:	1.14 %

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**Trade Name: NeoStrata Enlighten Ultra Brightening Cleanser
Exuviance Professional OptiLight Daily Prep**

- **Solids content:** 8.2 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

• LD/LC50 values that are relevant for classification:		
57-55-6 Propylene Glycol		
Oral	LD50	20,000 mg/kg (Rat)
Dermal	LD50	20,800 mg/kg (Rabbit)
Inhalative	LC50/96 hours	52,930 mg/l (Pimephales)
	Intravenous	6,630 mg/kg (Mouse)
		6,423 mg/kg (Rat)
		6,500 mg/kg (Rabbit)
107-41-5 Hexylene Glycol		
Oral	LD50	3,700 mg/kg (Rat)
Dermal	LD50	8,560 mg/kg (Rabbit)
1336-21-6 Ammonium Hydroxide		
Oral	LD50	350 mg/kg (RAT) Remarks: Gastrointestinal: Other changes. Liver: Other changes. Kidney, Ureter, Bladder: Other changes.
Inhalative	LC50/96 hours	8.2 mg/l (Pimephales)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

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Exuviance Professional OptiLight Daily Prep**

67-63-0	Isopropyl alcohol	3
<ul style="list-style-type: none"> • NTP (National Toxicology Program): None of the ingredients are listed. 		
<ul style="list-style-type: none"> • OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients are listed. 		

12 Ecological Information

<ul style="list-style-type: none"> • Toxicity: 	
<ul style="list-style-type: none"> • Aquatic toxicity: 	
61789-40-0 Cocamidopropyl Betaine	
EC50	1-10 mg/l (Green algae) 6.5 mg/l (Daphnia)
57-55-6 Propylene Glycol	
EC50	>10,000 mg/l (Daphnia)
1336-21-6 Ammonium Hydroxide	
EC50	0.66 mg/l (Daphnia) 0.66 mg/l (Water flea)
<ul style="list-style-type: none"> • Persistence and degradability: No further relevant information available. • Behavior in environmental systems: • Bioaccumulative potential: No further relevant information available. • Mobility in soil: No further relevant information available. • Additional ecological information: • General notes: Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. • Results of PBT and vPvB assessment: • PBT: Not applicable. 	
<ul style="list-style-type: none"> • vPvB: 	
1336-21-6	Ammonium Hydroxide
<ul style="list-style-type: none"> • Other adverse effects: No further relevant information available. 	

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material

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**Trade Name: NeoStrata Enlighten Ultra Brightening Cleanser
Exuviance Professional OptiLight Daily Prep**

- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

• Section 355 (extremely hazardous substances):
None of the ingredients are listed.

• Section 313 (Specific toxic chemical listings):
122-99-6 2-Phenoxyethanol
67-63-0 Isopropyl alcohol
1336-21-6 Ammonium Hydroxide

• TSCA (Toxic Substances Control Act):
14350-97-1 DISODIUM LAUROAMPHODIACETATE
25446-78-0 sodium 2-[2-[2-(tridecyloxy)ethoxy]ethoxy]ethylsulfate
25035-69-2 Acrylates Copolymer
61789-40-0 Cocamidopropyl Betaine
57-55-6 Propylene Glycol
107-41-5 Hexylene Glycol
11099-07-3 Glyceryl Stearate
122-99-6 2-Phenoxyethanol
627-83-8 Glycol distearate
5274-68-0 Tetraethylene glycol monododecyl ether
9004-62-0 Hydroxyethyl Cellulose
67-63-0 Isopropyl alcohol
1336-21-6 Ammonium Hydroxide
7732-18-5 Water, distilled water, deionized water

- **California Proposition 65:**

• Chemicals known to cause cancer:
None of the ingredients are listed.

• Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.

• Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.

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· Chemicals known to cause developmental toxicity:		
None of the ingredients are listed.		
· New Jersey Right-to-Know List:		
57-55-6	Propylene Glycol	
107-41-5	Hexylene Glycol	
67-63-0	Isopropyl alcohol	
1336-21-6	Ammonium Hydroxide	
· New Jersey Special Hazardous Substance List:		
67-63-0	Isopropyl alcohol	F3
1336-21-6	Ammonium Hydroxide	CO
· Pennsylvania Right-to-Know List:		
57-55-6	Propylene Glycol	
107-41-5	Hexylene Glycol	
67-63-0	Isopropyl alcohol	
1336-21-6	Ammonium Hydroxide	
· Pennsylvania Special Hazardous Substance List:		
67-63-0	Isopropyl alcohol	E
1336-21-6	Ammonium Hydroxide	E
· Carcinogenic categories:		
· EPA (Environmental Protection Agency):		
None of the ingredients are listed.		
· TLV (Threshold Limit Value established by ACGIH):		
67-63-0	Isopropyl alcohol	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health):		
None of the ingredients are listed.		
· GHS label elements: Non-Regulated Material		
· Hazard pictograms: Non-Regulated Material		
· Signal word: Non-Regulated Material		
· Hazard statements: Non-Regulated Material		
· National regulations:		
None of the ingredients are listed.		
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.		

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 09/25/2018 / 2

· **Abbreviations and acronyms:**

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association

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Exuviance Professional OptiLight Daily Prep**

ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 4: Flammable liquids – Category 4
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

• *** Data compared to the previous version altered.**

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/03/2018

Reviewed on 10/03/2018

* 1 Identification

- **Product Identifier**
- **Trade Name: Exuviance Soothing Toning Lotion**
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner
- **Product Number:** FLA#: 330-096
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**
Eye Irrit. 2B H320 Causes eye irritation.
Aquatic Acute 3 H402 Harmful to aquatic life.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **Label elements:**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Warning
- **Hazard statements:**
H320 Causes eye irritation.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements:**
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
- **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

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Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

• **Dangerous Components:**

9002-93-1	Polyethylene glycol octylphenol ether ☠ Acute Tox. 3, H331; ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ☠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	≤2.5%
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• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Consult a doctor for complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
If skin irritation occurs, consult a doctor.
- **After eye contact:**
If easy to do so, remove contact lenses if worn.
If eye irritation occurs, consult a doctor.
Rinse opened eye for several minutes under running water.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

• **Protective Action Criteria for Chemicals**

• PAC-1:		
107-88-0	1,3-Butanediol	120 mg/m ³
122-99-6	2-Phenoxyethanol	1.5 ppm
• PAC-2:		
107-88-0	1,3-Butanediol	1,300 mg/m ³
122-99-6	2-Phenoxyethanol	16 ppm
• PAC-3:		
107-88-0	1,3-Butanediol	4,500 mg/m ³
122-99-6	2-Phenoxyethanol	97 ppm

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.

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Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

· **Eye protection:**



Tightly sealed goggles recommended in a manufacturing setting only.

· **Limitation and supervision of exposure into the environment:**

Keep away from drains, surface and ground waters.
Avoid release into the environment.

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Solution
Color:	Light gold
Odour:	Characteristic
Odor threshold:	Not determined.

· **pH-value @ 20 °C (68 °F):** 4.2-5

· **Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	≥100 °C (≥212 °F)

· **Flash point:** None

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** Not applicable

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

· **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)

· **Density:**

Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not determined.

· **Solubility in / Miscibility with:**

Water:	Soluble.
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· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/03/2018

Reviewed on 10/03/2018

Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

- **Solvent content:**
 - Organic solvents:** 0.8 %
 - Water:** 93.9 %
 - VOC content:** 0.77 %
- **Solids content:** 0.8 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

9002-93-1 Polyethylene glycol octylphenol ether

Oral	LD50	1,800 mg/kg (Rat)
Dermal	LD50	8,000 mg/kg (Rat)
Inhalative	LC50/4 h	8.9 mg/l (Pimephales)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** Irritating effect.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories:**

- **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

- **Toxicity:**
- **Aquatic toxicity:**
Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/03/2018

Reviewed on 10/03/2018

Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

9002-93-1 Polyethylene glycol octylphenol ether

EC50 26 mg/l (Daphnia)

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

• **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/03/2018

Reviewed on 10/03/2018

Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

• Section 313 (Specific toxic chemical listings):	
122-99-6	2-Phenoxyethanol
• TSCA (Toxic Substances Control Act):	
107-88-0	1,3-Butanediol
9002-93-1	Polyethylene glycol octylphenol ether
122-99-6	2-Phenoxyethanol
90-80-2	δ-Gluconolactone
1117-86-8	Caprylyl Glycol
7200-25-1	DL-arginine
7732-18-5	Water, distilled water, deionized water
• California Proposition 65:	
• Chemicals known to cause cancer:	
None of the ingredients are listed.	
• Chemicals known to cause reproductive toxicity for females:	
None of the ingredients are listed.	
• Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
• Chemicals known to cause developmental toxicity:	
None of the ingredients are listed.	
• New Jersey Right-to-Know List:	
None of the ingredients are listed.	
• New Jersey Special Hazardous Substance List:	
None of the ingredients are listed.	
• Pennsylvania Right-to-Know List:	
None of the ingredients are listed.	
• Pennsylvania Special Hazardous Substance List:	
None of the ingredients are listed.	
• Carcinogenic categories:	
• EPA (Environmental Protection Agency):	
None of the ingredients are listed.	
• TLV (Threshold Limit Value established by ACGIH):	
None of the ingredients are listed.	
• NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients are listed.	
• GHS label elements	
The product is classified and labeled according to the Globally Harmonized System (GHS).	
• Hazard pictograms: Non-Regulated Material	
• Signal word: Warning	
• Hazard statements:	
H320 Causes eye irritation.	
H402 Harmful to aquatic life.	
H412 Harmful to aquatic life with long lasting effects.	

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/03/2018

Reviewed on 10/03/2018

Trade Name: Exuviance Soothing Toning Lotion
Exuviance Professional Soothing Toning Lotion
Exuviance HydraSoothe Refresh Toner

• **Precautionary statements:**

- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **National regulations:**

None of the ingredients are listed.

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

• **Date of preparation / last revision:** 10/03/2018 / 1

• **Abbreviations and acronyms:**

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Acute Tox. 4: Acute toxicity – Category 4
- Acute Tox. 3: Acute toxicity – Category 3
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

• *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

* 1 Identification

- **Product Identifier**
- **Trade Name:** *Exuviance Line Smooth Antioxidant Serum*
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum
- **Product Number:** FLA#: 248-067
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Eye Irrit. 2A H319 Causes serious eye irritation.

Aquatic Acute 3 H402 Harmful to aquatic life.

- **Label elements:**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
H319 Causes serious eye irritation.
H402 Harmful to aquatic life.
- **Precautionary statements:**
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear eye protection / face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
8 % of the mixture consists of component(s) of unknown toxicity.
- **Hazard(s) not otherwise classified (HNOC):** None known

*** 3 Composition/Information on Ingredients**

- **Chemical characterization: Mixtures**
- **Description:**
Mixture of substances listed below with non-hazardous additions.
Mixture: consisting of non-regulated material.

· Dangerous Components:		
CAS: 64-17-5 RTECS: KQ 6300000	Denatured Ethanol ⚠ Flam. Liq. 2, H225; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	2-12%
CAS: 90-80-2	δ-Gluconolactone ⚠ STOT SE 3, H335	2-12%
CAS: 9005-65-6	Polysorbate 80 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	2-12%
CAS: 5949-29-1	Citric acid, monohydrate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	≤2.5%
CAS: 1336-21-6	Ammonium Hydroxide vPvB ⚠ Acute Tox. 3, H331; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302	≤2.5%

- **Additional information:**
The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

*** 4 First-Aid Measures**

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.
- **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Generally the product does not irritate the skin.
If skin irritation occurs, consult a doctor.
- **After eye contact:**
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
If easy to do so, remove contact lenses if worn.
If eye irritation occurs, consult a doctor.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

*** 5 Fire-Fighting Measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

64-17-5	Denatured Ethanol	1,800 ppm
107-88-0	1,3-Butanediol	120 mg/m ³
1336-21-6	Ammonium Hydroxide	61 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
57-55-6	Propylene Glycol	30 mg/m ³
7631-90-5	sodium hydrogensulphite	15 mg/m ³

· **PAC-2:**

64-17-5	Denatured Ethanol	3300* ppm
107-88-0	1,3-Butanediol	1,300 mg/m ³
1336-21-6	Ammonium Hydroxide	330 ppm
122-99-6	2-Phenoxyethanol	16 ppm
57-55-6	Propylene Glycol	1,300 mg/m ³
7631-90-5	sodium hydrogensulphite	66 mg/m ³

· **PAC-3:**

64-17-5	Denatured Ethanol	15000* ppm
107-88-0	1,3-Butanediol	4,500 mg/m ³
1336-21-6	Ammonium Hydroxide	2,300 ppm
122-99-6	2-Phenoxyethanol	97 ppm

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

57-55-6	Propylene Glycol	7,900 mg/m ³
7631-90-5	sodium hydrogensulphite	400 mg/m ³

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

*** 8 Exposure Controls/Personal Protection**

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

64-17-5 Denatured Ethanol

PEL	Long-term value: 1900 mg/m ³ , 1000 ppm
REL	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV	Short-term value: 1880 mg/m ³ , 1000 ppm

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not required.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Tightly sealed goggles recommended in a manufacturing setting only.

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

- **Limitation and supervision of exposure into the environment:**
Keep away from drains, surface and ground waters.
Avoid release into the environment.

* 9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid
Color: Light to dark amber
Odour: Characteristic
Odor threshold: Not determined.

- **pH-value @ 20 °C (68 °F):** 3.5-4.5

- **Change in condition**

Melting point/Melting range: Not determined.
Boiling point/Boiling range: ≥78 °C (≥172.4 °F)

- **Flash point:** None

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** ≥375 °C (≥707 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Not determined.
Upper: Not determined.

- **Vapor pressure:** Not determined.

- **Density @ 20 °C (68 °F):** ≥1-≤1.08 g/cm³ (≥8.345-≤9.0126 lbs/gal)

- **Relative density:** Not determined.

- **Vapor density:** Not determined.

- **Evaporation rate:** Not determined.

- **Solubility in / Miscibility with:**

Water: Miscible

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic: Not determined.
Kinematic @ 20 °C (68 °F): 500-5,000 mm²/s

- **Solvent content:**

Organic solvents: 5.6 %
VOC content: 5.64 %
≥56.4-≤60.9 g/l / ≥0.47-≤0.51 lb/gal

Solids content: 9.3 %

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

· **Other information:** No further relevant information available.

***10 Stability and Reactivity**

- **Reactivity:** The product is stable under normal conditions
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

64-17-5 Denatured Ethanol		
Oral	LD50	7,060 mg/kg (Rat) Remarks: Lungs, Thorax, or Respiration: Other changes. Carcinogenicity - Mouse - Oral Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Liver: Tumors. Blood: Lymphomas including Hodgkin's disease. Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Heart - Irregularities - Based on Human Evidence Central nervous system - Breathing difficulties - Based on Human Evidence Stomach - Irregularities - Based on Human Evidence
Inhalative	LC50/4 h	20,000 mg/l (Rat)
	LC50/96 hours	12,900-15,300 mg/l (Trout)
9005-65-6 Polysorbate 80		
Oral	LD50	25,000 mg/kg (Mouse)
1336-21-6 Ammonium Hydroxide		
Oral	LD50	350 mg/kg (RAT) Remarks: Gastrointestinal: Other changes. Liver: Other changes. Kidney, Ureter, Bladder: Other changes.
Inhalative	LC50/96 hours	8.2 mg/l (Pimephales)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** Irritating effect.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

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Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

The IARC (the International Agency for Research on Cancer) concluded that ethanol found alcoholic beverages to be Group 1 - Carcinogenic to humans. All other instances it is not consider carcinogenic.

Group 1 - Carcinogenic to humans

Group 2A - Probably carcinogenic to humans

Group 2B - Possibly carcinogenic to humans

Group 3 - Not classifiable as to its carcinogenicity to humans

Group 4 - Probably not carcinogenic to humans

64-17-5	Denatured Ethanol	1
7631-90-5	sodium hydrogensulphite	3

· **NTP (National Toxicology Program):**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

· **Toxicity:**

· **Aquatic toxicity:**

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

64-17-5 Denatured Ethanol	
EC50	34,900 mg/l (Daphnia)
1336-21-6 Ammonium Hydroxide	
EC50	0.66 mg/l (Daphnia)
	0.66 mg/l (Water flea)

· **Persistence and degradability:** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential:** No further relevant information available.

· **Mobility in soil:** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

Harmful to aquatic organisms

· **Results of PBT and vPvB assessment:**

· **PBT:** Not applicable.

· **vPvB:**

1336-21-6	Ammonium Hydroxide
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· **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 8)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

Observe all federal, state and local environmental regulations when disposing of this material.

- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

1336-21-6	Ammonium Hydroxide
122-99-6	2-Phenoxyethanol

· **TSCA (Toxic Substances Control Act):**

64-17-5	Denatured Ethanol
107-88-0	1,3-Butanediol
90-80-2	δ-Gluconolactone
9005-65-6	Polysorbate 80
1336-21-6	Ammonium Hydroxide
9004-62-0	Hydroxyethyl Cellulose
122-99-6	2-Phenoxyethanol
57-55-6	Propylene Glycol
7631-90-5	sodium hydrogensulphite
1117-86-8	Caprylyl Glycol

· **TSCA new (21st Century Act) (Substances not listed)**

5949-29-1	Citric acid, monohydrate
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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

· **California Proposition 65:**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

64-17-5 Denatured Ethanol

· **New Jersey Right-to-Know List:**

64-17-5 Denatured Ethanol

1336-21-6 Ammonium Hydroxide

57-55-6 Propylene Glycol

7631-90-5 sodium hydrogensulphite

· **New Jersey Special Hazardous Substance List:**

64-17-5 Denatured Ethanol

CA, MU, TE, F3

1336-21-6 Ammonium Hydroxide

CO

7631-90-5 sodium hydrogensulphite

CO

· **Pennsylvania Right-to-Know List:**

64-17-5 Denatured Ethanol

1336-21-6 Ammonium Hydroxide

57-55-6 Propylene Glycol

7631-90-5 sodium hydrogensulphite

· **Pennsylvania Special Hazardous Substance List:**

1336-21-6 Ammonium Hydroxide

E

7631-90-5 sodium hydrogensulphite

E

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH):**

64-17-5 Denatured Ethanol

A3

7631-90-5 sodium hydrogensulphite

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

· **Hazard pictograms:**



GHS07

· **Signal word:** Warning

· **Hazard statements:**

H319 Causes serious eye irritation.

H402 Harmful to aquatic life.

· **Precautionary statements:**

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear eye protection / face protection.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

None of the ingredients are listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 11/13/2018 / 1

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: Exuviance Line Smooth Antioxidant Serum
Exuviance Super Charge AOX Serum
NeoStrata Antioxidant Defense Serum

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3

· * **Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

1 Identification

- **Product Identifier**
- **Trade Name: Exuviance Daily Eye Smoother**
Exuviance Professional Hydrating Eye Complex
- **Product Number:** FLA#: 337-144C
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.
- **Label elements:**
- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
5.1 % of the mixture consists of component(s) of unknown toxicity.
- **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

Dangerous Components:

CAS: 90-80-2	δ-Gluconolactone ⚠ STOT SE 3, H335	2-12%
CAS: 57-55-6 RTECS: TY 2000000	Propylene Glycol	2-12%
CAS: 56-81-5 RTECS: MA 8050000	Glycerol	≤2.5%
CAS: 541-02-6	Decamethylcyclopentasiloxane Flam. Liq. 4, H227; Eye Irrit. 2B, H320; Aquatic Chronic 4, H413	≤2.5%
CAS: 9003-05-8	Polyacrylamide ⚠ Acute Tox. 4, H302; Combustible Dust	≤2.5%
CAS: 102-71-6	Triethanolamine ⚠ Skin Irrit. 2, H315; Eye Irrit. 2B, H320	≤2.5%

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

CAS: 540-97-6	Cyclohexasiloxane	≤2.5%
CAS: 141-62-8	Decamethyltetrasiloxane Flam. Liq. 4, H227	≤2.5%

Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

Description of first aid measures

- General information:** No special measures required.
- After inhalation:** Consult a doctor for complaints.
- After skin contact:**
Generally the product does not irritate the skin.
If skin irritation occurs, consult a doctor.
- After eye contact:**
If eye irritation occurs, consult a doctor.
Rinse opened eye for several minutes under running water.
- After swallowing:** If swallowed and symptoms occur, consult a doctor.
- Information for doctor**
- Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- Extinguishing media**
- Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- For safety reasons unsuitable extinguishing agents:** No further relevant information.
- Special hazards arising from the substance or mixture:** No further relevant information available.
- Advice for firefighters**
- Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures:** Not required.
- Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- Protective Action Criteria for Chemicals**

PAC-1:

57-55-6	Propylene Glycol	30 mg/m ³
56-81-5	Glycerol	45 mg/m ³

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

102-71-6	Triethanolamine	15 mg/m ³
540-97-6	Cyclohexasiloxane	150 mg/m ³
107-88-0	1,3-Butanediol	120 mg/m ³
122-99-6	2-Phenoxyethanol	1.5 ppm
57-11-4	Stearic Acid, pure	14 mg/m ³
68439-49-6	Alcohols,C16-18, ethoxylated	3.8 mg/m ³
139-33-3	Edetate Disodium - EDTA	11 mg/m ³

· **PAC-2:**

57-55-6	Propylene Glycol	1,300 mg/m ³
56-81-5	Glycerol	180 mg/m ³
102-71-6	Triethanolamine	240 mg/m ³
540-97-6	Cyclohexasiloxane	1,700 mg/m ³
107-88-0	1,3-Butanediol	1,300 mg/m ³
122-99-6	2-Phenoxyethanol	16 ppm
57-11-4	Stearic Acid, pure	150 mg/m ³
68439-49-6	Alcohols,C16-18, ethoxylated	42 mg/m ³
139-33-3	Edetate Disodium - EDTA	120 mg/m ³

· **PAC-3:**

57-55-6	Propylene Glycol	7,900 mg/m ³
56-81-5	Glycerol	1,100 mg/m ³
102-71-6	Triethanolamine	1,500 mg/m ³
540-97-6	Cyclohexasiloxane	9,900 mg/m ³
107-88-0	1,3-Butanediol	4,500 mg/m ³
122-99-6	2-Phenoxyethanol	97 ppm
57-11-4	Stearic Acid, pure	910 mg/m ³
68439-49-6	Alcohols,C16-18, ethoxylated	250 mg/m ³
139-33-3	Edetate Disodium - EDTA	730 mg/m ³

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

57-55-6 Propylene Glycol	
WEEL	Long-term value: 10 mg/m ³
56-81-5 Glycerol	
PEL	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.
102-71-6 Triethanolamine	
TLV	Long-term value: 5 mg/m ³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Tightly sealed goggles recommended in a manufacturing setting only.

- **Limitation and supervision of exposure into the environment:** None

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form:** Cream
 - Color:** White
- **Odour:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value @ 20 °C (68 °F):** 3.5-4.2
- **Change in condition**
 - Melting point/Melting range:** Not determined.
 - Boiling point/Boiling range:** ≥100 °C (≥212 °F)
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)
- **Density:**
 - Relative density:** Not determined.
 - Vapor density:** Not determined.
 - Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Miscible
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic @ 20 °C (68 °F):** 10,000-60,000 mPas
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 3.8 %
 - Water:** 69.6 %
 - VOC content:** 1.84 %
 - Solids content:** 10.3 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

57-55-6 Propylene Glycol

Oral	LD50	20,000 mg/kg (Rat)
Dermal	LD50	20,800 mg/kg (Rabbit)
Inhalative	LC50/96 hours	52,930 mg/l (Pimephales)
	Intravenous	6,630 mg/kg (Mouse)

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

		6,423 mg/kg (Rat) 6,500 mg/kg (Rabbit)
56-81-5 Glycerol		
Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (Rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)
541-02-6 Decamethylcyclopentasiloxane		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	8.67 mg/l (Rat)
9003-05-8 Polyacrylamide		
Oral	LD50	>1,000 mg/kg (Rat)
102-71-6 Triethanolamine		
Oral	LD50	5,530 mg/kg (Rat)
		2,200 mg/kg (Rabbit)
		2,200 ml/kg (Guinea Pig)
Dermal	LD50	5,846 ml/kg (Mouse)
		>22,500 mg/kg (Rabbit)

• **Primary irritant effect:**

• **On the skin:** No irritating effect.

• **On the eye:** No irritating effect.

• **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

• **Carcinogenic categories:**

• **IARC (International Agency for Research on Cancer):**

- Group 1 - Carcinogenic to humans
- Group 2A - Probably carcinogenic to humans
- Group 2B - Possibly carcinogenic to humans
- Group 3 - Not classifiable as to its carcinogenicity to humans
- Group 4 - Probably not carcinogenic to humans

102-71-6	Triethanolamine	3
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• **NTP (National Toxicology Program):**

None of the ingredients are listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

• **Toxicity:**

• **Aquatic toxicity:**

57-55-6 Propylene Glycol

EC50 >10,000 mg/l (Daphnia)

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

102-71-6 Triethanolamine

EC50 609.98 mg/l (Daphnia)

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

122-99-6 2-Phenoxyethanol

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

· TSCA (Toxic Substances Control Act):	
68411-27-8	C12-15 Alkyl Benzoate
90-80-2	δ-Gluconolactone
57-55-6	Propylene Glycol
56-81-5	Glycerol
541-02-6	Decamethylcyclopentasiloxane
67762-27-0	Alcohols, C16-18
9003-05-8	Polyacrylamide
102-71-6	Triethanolamine
540-97-6	Cyclohexasiloxane
141-62-8	Decamethyltetrasiloxane
107-88-0	1,3-Butanediol
9004-99-3	Polyethylene glycol stearate
64742-47-8	Distillates (petroleum), hydrotreated light
122-99-6	2-Phenoxyethanol
11099-07-3	Glyceryl Stearate
68334-28-1	Vegetable Oil, hydrogenated
544-62-7	batilol
11138-66-2	Xanthan Gum
57-11-4	Stearic Acid, pure
1117-86-8	Caprylyl Glycol
3055-97-8	Polyoxyethylene (7) lauryl ether
68439-49-6	Alcohols,C16-18, ethoxylated
139-33-3	Edetate Disodium - EDTA
7732-18-5	Water, distilled water, deionized water
· TSCA new (21st Century Act) (Substances not listed)	
9003-05-8	Polyacrylamide
· California Proposition 65:	
· Chemicals known to cause cancer:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients are listed.	
· New Jersey Right-to-Know List:	
57-55-6	Propylene Glycol
56-81-5	Glycerol
102-71-6	Triethanolamine

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

<ul style="list-style-type: none"> • New Jersey Special Hazardous Substance List: 	
None of the ingredients are listed.	
<ul style="list-style-type: none"> • Pennsylvania Right-to-Know List: 	
57-55-6	Propylene Glycol
56-81-5	Glycerol
102-71-6	Triethanolamine
68334-28-1	Vegetable Oil, hydrogenated
<ul style="list-style-type: none"> • Pennsylvania Special Hazardous Substance List: 	
None of the ingredients are listed.	
<ul style="list-style-type: none"> • Carcinogenic categories: 	
<ul style="list-style-type: none"> • EPA (Environmental Protection Agency): 	
None of the ingredients are listed.	
<ul style="list-style-type: none"> • TLV (Threshold Limit Value established by ACGIH): 	
None of the ingredients are listed.	
<ul style="list-style-type: none"> • NIOSH-Ca (National Institute for Occupational Safety and Health): 	
None of the ingredients are listed.	
<ul style="list-style-type: none"> • GHS label elements Non-Regulated Material • Hazard pictograms: Non-Regulated Material • Signal word: Non-Regulated Material • Hazard statements: Non-Regulated Material 	
<ul style="list-style-type: none"> • National regulations: 	
None of the ingredients are listed.	
<ul style="list-style-type: none"> • Chemical safety assessment: A Chemical Safety Assessment has not been carried out. 	

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of preparation / last revision:** 10/26/2018 / 1
- **Abbreviations and acronyms:**
 ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety and Health
 OSHA: Occupational Safety & Health Administration
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 REL: Recommended Exposure Limit

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/26/2018

Reviewed on 10/26/2018

Trade Name: Exuviance Daily Eye Smoother
Exuviance Professional Hydrating Eye Complex

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

· *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

* 1 Identification

- **Product Identifier**
- **Trade Name: NeoStrata Glycolic Microdermabrasion Polish**
Exuviance Professional Glycolic Polish
- **Product Number:** FLA#: 378-183
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Acute 3 H402 Harmful to aquatic life.

- **Label elements:**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS05

- **Signal word:** Danger
- **Hazard-determining components of labeling:**
Glycolic acid
Ammonium Hydroxide
- **Hazard statements:**
H318 Causes serious eye damage.
H402 Harmful to aquatic life.
- **Precautionary statements:**
P273 Avoid release to the environment.
P280 Wear eye protection / face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.

(Contd. on page 2)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.

11.1 % of the mixture consists of component(s) of unknown toxicity.

· **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with non-hazardous additions.

· **Dangerous Components:**

CAS: 79-14-1 RTECS: MC 5250000	Glycolic acid ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	5-10%
CAS: 1344-28-1 RTECS: BD 1200000	Aluminium Oxide ⚠ STOT SE 3, H335	5-10%
CAS: 56-81-5 RTECS: MA 8050000	Glycerol	2-12%
CAS: 68037-01-4	Polyalphaolefin	2-12%
CAS: 42131-25-9	Isononyl isononanoate Combustible Dust	2-12%
CAS: 1336-21-6	Ammonium Hydroxide vPvB ⚠ Acute Tox. 3, H331; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302	≤2.5%
CAS: 9004-99-3	Polyethylene glycol stearate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	≤2.5%

· **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

· **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Generally the product does not irritate the skin.

If skin irritation occurs, consult a doctor.

· **After eye contact:**

Hold eyelids apart and flush eyes with plenty of water for at least 20 minutes.

Get immediate medical attention.

Have eyes examined and tested by medical personnel.

If easy to do so, remove contact lenses if worn.

· **After swallowing:** If swallowed and symptoms occur, consult a doctor.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

· Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

5 Fire-Fighting Measures

· Extinguishing media

· Suitable extinguishing agents: Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: No further relevant information.

· Special hazards arising from the substance or mixture: No further relevant information available.

· Advice for firefighters

· Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

· Personal precautions, protective equipment and emergency procedures: Not required.

· Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water.

· Methods and material for containment and cleaning up:

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Dispose of the collected material according to regulations.

· Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals

· PAC-1:

79-14-1	Glycolic acid	25 mg/m ³
1344-28-1	Aluminium Oxide	15 mg/m ³
56-81-5	Glycerol	45 mg/m ³
68037-01-4	Polyalphaolefin	30 mg/m ³
1336-21-6	Ammonium Hydroxide	61 ppm
107-88-0	1,3-Butanediol	120 mg/m ³
36653-82-4	1-Hexadecanol	1.6 mg/m ³
112-92-5	Stearyl alcohol	5.4 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
9005-00-9	Polyoxyethylene(20) stearyl ether	5.7 mg/m ³

· PAC-2:

79-14-1	Glycolic acid	280 mg/m ³
1344-28-1	Aluminium Oxide	170 mg/m ³
56-81-5	Glycerol	180 mg/m ³
68037-01-4	Polyalphaolefin	330 mg/m ³
1336-21-6	Ammonium Hydroxide	330 ppm
107-88-0	1,3-Butanediol	1,300 mg/m ³

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

36653-82-4	1-Hexadecanol	18 mg/m ³
112-92-5	Stearyl alcohol	60 ppm
122-99-6	2-Phenoxyethanol	16 ppm
9005-00-9	Polyoxyethylene(20) stearyl ether	63 mg/m ³
· PAC-3:		
79-14-1	Glycolic acid	390 mg/m ³
1344-28-1	Aluminium Oxide	990 mg/m ³
56-81-5	Glycerol	1,100 mg/m ³
68037-01-4	Polyalphaolefin	2,000 mg/m ³
1336-21-6	Ammonium Hydroxide	2,300 ppm
107-88-0	1,3-Butanediol	4,500 mg/m ³
36653-82-4	1-Hexadecanol	110 mg/m ³
112-92-5	Stearyl alcohol	360 ppm
122-99-6	2-Phenoxyethanol	97 ppm
9005-00-9	Polyoxyethylene(20) stearyl ether	380 mg/m ³

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

56-81-5 Glycerol	
PEL	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.
68037-01-4 Polyalphaolefin	
ACGIH TLV	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

9004-99-3 Polyethylene glycol stearate

TWA Long-term value: 10 mg/m³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Tightly sealed goggles required in a manufacturing setting only.

- **Limitation and supervision of exposure into the environment:**
Keep away from drains, surface and ground waters.
Avoid release into the environment.

*** 9 Physical and Chemical Properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Cream
Color: Off white to white
Odour: Characteristic
Odor threshold: Not determined.

· **pH-value @ 20 °C (68 °F):** 3.5-4

· **Change in condition**

Melting point/Melting range: Not determined.
Boiling point/Boiling range: ≥60 °C (≥140 °F)

· **Flash point:** None

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** ≥400 °C (≥752 °F)

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.
Upper: Not determined.

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

- **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)
- **Density @ 20 °C (68 °F):** 0.98-1.2 g/cm³ (8.1781-10.014 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Miscible
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 5.9 %
 - Water:** 46.2 %
 - VOC content:** 0.77 %
- **Solids content:** 31.6 %
- **Other information:** No further relevant information available.

* **10 Stability and Reactivity**

- **Reactivity:** The product is stable under normal conditions
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

* **11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

79-14-1 Glycolic acid		
Oral	LD50	1,950 mg/kg (Rat)
1344-28-1 Aluminium Oxide		
Oral	LD50	>10,000 mg/kg (Rat)
Inhalative	LC50/4 h	>2.6 mg/l (Rat)
56-81-5 Glycerol		
Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (Rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)
1336-21-6 Ammonium Hydroxide		
Oral	LD50	350 mg/kg (RAT)
Remarks: Gastrointestinal: Other changes. Liver: Other changes. Kidney, Ureter, Bladder: Other changes.		

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

Inhalative	LC50/96 hours	8.2 mg/l (Pimephales)
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- **Primary irritant effect:**
- **On the skin:** Strong caustic effect on skin and mucous membranes.
- **On the eye:**
Strong irritant with the danger of severe eye injury.
Corrosive effect.
Causes serious eye irritation.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Corrosive
Irritant

· **Carcinogenic categories:**

· IARC (International Agency for Research on Cancer):
None of the ingredients are listed.

· NTP (National Toxicology Program):
None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.

12 Ecological Information

- **Toxicity:**
- **Aquatic toxicity:**
Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

1336-21-6 Ammonium Hydroxide	
EC50	0.66 mg/l (Daphnia) 0.66 mg/l (Water flea)

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.

· vPvB:
1336-21-6 Ammonium Hydroxide

- **Other adverse effects:** No further relevant information available.

(Contd. on page 8)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

1344-28-1	Aluminium Oxide
1336-21-6	Ammonium Hydroxide
122-99-6	2-Phenoxyethanol

· **TSCA (Toxic Substances Control Act):**

79-14-1	Glycolic acid
1344-28-1	Aluminium Oxide
56-81-5	Glycerol
68037-01-4	Polyalphaolefin
68411-27-8	C12-15 Alkyl Benzoate
11099-07-3	Glyceryl Stearate
1336-21-6	Ammonium Hydroxide
7200-25-1	DL-arginine
107-88-0	1,3-Butanediol
9004-99-3	Polyethylene glycol stearate

(Contd. on page 9)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

36653-82-4	1-Hexadecanol	
112-92-5	Stearyl alcohol	
122-99-6	2-Phenoxyethanol	
1117-86-8	Caprylyl Glycol	
9004-95-9	Polyethylene glycol hexadecyl ether	
9005-00-9	Polyoxyethylene(20) stearyl ether	
7732-18-5	Water, distilled water, deionized water	
· TSCA new (21st Century Act) (Substances not listed)		
42131-25-9	Isononyl isononanoate	
· California Proposition 65:		
· Chemicals known to cause cancer:		
None of the ingredients are listed.		
· Chemicals known to cause reproductive toxicity for females:		
None of the ingredients are listed.		
· Chemicals known to cause reproductive toxicity for males:		
None of the ingredients are listed.		
· Chemicals known to cause developmental toxicity:		
None of the ingredients are listed.		
· New Jersey Right-to-Know List:		
1344-28-1	Aluminium Oxide	
56-81-5	Glycerol	
1336-21-6	Ammonium Hydroxide	
· New Jersey Special Hazardous Substance List:		
1336-21-6	Ammonium Hydroxide	CO
· Pennsylvania Right-to-Know List:		
1344-28-1	Aluminium Oxide	
56-81-5	Glycerol	
1336-21-6	Ammonium Hydroxide	
· Pennsylvania Special Hazardous Substance List:		
1344-28-1	Aluminium Oxide	E
1336-21-6	Ammonium Hydroxide	E
· Carcinogenic categories:		
· EPA (Environmental Protection Agency):		
None of the ingredients are listed.		
· TLV (Threshold Limit Value established by ACGIH):		
1344-28-1	Aluminium Oxide	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health):		
None of the ingredients are listed.		

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

Hazard pictograms:



GHS05

Signal word: Danger

Hazard-determining components of labeling:

Glycolic acid
Ammonium Hydroxide

Hazard statements:

H318 Causes serious eye damage.
H402 Harmful to aquatic life.

Precautionary statements:

P273 Avoid release to the environment.
P280 Wear eye protection / face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

None of the ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Date of preparation / last revision: 11/13/2018 / 2

Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1A: Skin corrosion/irritation – Category 1A

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 11/13/2018

Reviewed on 11/13/2018

Trade Name: NeoStrata Glycolic Microdermabrasion Polish
Exuviance Professional Glycolic Polish

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3

· *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/20/2018

Reviewed on 09/20/2018

1 Identification

- **Product Identifier**
- **Trade Name: Exuviance Ultra Restorative Crème**
Exuviance Professional Ultra Restorative Crème
- **Product Number:** FLA#: 337-186
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.
- **Label elements:**
- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
20.6 % of the mixture consists of component(s) of unknown toxicity.
- **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous Components:**

CAS: 90-80-2	δ-Gluconolactone ⚠ STOT SE 3, H335	5-10%
CAS: 541-02-6	Decamethylcyclopentasiloxane Flam. Liq. 4, H227; Eye Irrit. 2B, H320; Aquatic Chronic 4, H413	2-12%
CAS: 540-97-6	Cyclohexasiloxane	2-12%
CAS: 57-55-6 RTECS: TY 2000000	Propylene Glycol	2-12%
CAS: 102-71-6	Triethanolamine ⚠ Skin Irrit. 2, H315; Eye Irrit. 2B, H320	≤2.5%
CAS: 9004-99-3	Polyethylene glycol stearate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	≤2.5%

(Contd. on page 2)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/20/2018

Reviewed on 09/20/2018

Trade Name: Exuviance Ultra Restorative Crème
Exuviance Professional Ultra Restorative Crème

CAS: 112-92-5 RTECS: RG 2010000	Stearyl alcohol ⚠ STOT SE 3, H335; Eye Irrit. 2B, H320	≤2.5%
CAS: 56-81-5 RTECS: MA 8050000	Glycerol	≤2.5%
CAS: 111-90-0 RTECS: KK 8750000	Diethylene glycol monoethyl ether ⚠ Skin Irrit. 2, H315; Flam. Liq. 4, H227; Eye Irrit. 2B, H320	≤2.5%
CAS: 68334-28-1	Vegetable Oil, hydrogenated ⚠ STOT SE 3, H335; Eye Irrit. 2B, H320	≤2.5%
CAS: 141-62-8	Decamethyltetrasiloxane Flam. Liq. 4, H227	≤2.5%

• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

• **Description of first aid measures**

• **General information:** No special measures required.

• **After inhalation:** Consult a doctor for complaints.

• **After skin contact:**

Generally the product does not irritate the skin.

If skin irritation occurs, consult a doctor.

• **After eye contact:**

If eye irritation occurs, consult a doctor.

Rinse opened eye for several minutes under running water.

• **After swallowing:** If swallowed and symptoms occur, consult a doctor.

• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

• **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5 Fire-Fighting Measures

• **Extinguishing media**

• **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

• **For safety reasons unsuitable extinguishing agents:** No further relevant information.

• **Special hazards arising from the substance or mixture:** No further relevant information available.

• **Advice for firefighters**

• **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

• **Personal precautions, protective equipment and emergency procedures:** Not required.

• **Environmental precautions:** Do not allow to enter sewers/surface or ground water.

• **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the collected material according to regulations.

• **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/20/2018

Reviewed on 09/20/2018

Trade Name: Exuviance Ultra Restorative Crème
Exuviance Professional Ultra Restorative Crème

See Section 13 for disposal information.

• **Protective Action Criteria for Chemicals**

• **PAC-1:**

540-97-6	Cyclohexasiloxane	150 mg/m ³
57-55-6	Propylene Glycol	30 mg/m ³
102-71-6	Triethanolamine	15 mg/m ³
112-92-5	Stearyl alcohol	5.4 ppm
56-81-5	Glycerol	45 mg/m ³
111-90-0	Diethylene glycol monoethyl ether	75 ppm
107-88-0	1,3-Butanediol	120 mg/m ³
122-99-6	2-Phenoxyethanol	1.5 ppm
57-10-3	Palmitic acid	0.19 mg/m ³
57-11-4	Stearic Acid, pure	14 mg/m ³

• **PAC-2:**

540-97-6	Cyclohexasiloxane	1,700 mg/m ³
57-55-6	Propylene Glycol	1,300 mg/m ³
102-71-6	Triethanolamine	240 mg/m ³
112-92-5	Stearyl alcohol	60 ppm
56-81-5	Glycerol	180 mg/m ³
111-90-0	Diethylene glycol monoethyl ether	100 ppm
107-88-0	1,3-Butanediol	1,300 mg/m ³
122-99-6	2-Phenoxyethanol	16 ppm
57-10-3	Palmitic acid	2.1 mg/m ³
57-11-4	Stearic Acid, pure	150 mg/m ³

• **PAC-3:**

540-97-6	Cyclohexasiloxane	9,900 mg/m ³
57-55-6	Propylene Glycol	7,900 mg/m ³
102-71-6	Triethanolamine	1,500 mg/m ³
112-92-5	Stearyl alcohol	360 ppm
56-81-5	Glycerol	1,100 mg/m ³
111-90-0	Diethylene glycol monoethyl ether	450 ppm
107-88-0	1,3-Butanediol	4,500 mg/m ³
122-99-6	2-Phenoxyethanol	97 ppm
57-10-3	Palmitic acid	12 mg/m ³
57-11-4	Stearic Acid, pure	910 mg/m ³

7 Handling and Storage

• **Handling**

• **Precautions for safe handling:** No special measures required.

• **Information about protection against explosions and fires:** No special measures required.

• **Conditions for safe storage, including any incompatibilities**

• **Storage**

• **Requirements to be met by storerooms and receptacles:** No special requirements.

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Trade Name: Exuviance Ultra Restorative Crème
Exuviance Professional Ultra Restorative Crème

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

57-55-6 Propylene Glycol	
WEEL	Long-term value: 10 mg/m ³
102-71-6 Triethanolamine	
TLV	Long-term value: 5 mg/m ³
9004-99-3 Polyethylene glycol stearate	
TWA	Long-term value: 10 mg/m ³
56-81-5 Glycerol	
PEL	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.
111-90-0 Diethylene glycol monoethyl ether	
WEEL	Long-term value: 25 ppm

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Tightly sealed goggles recommended in a manufacturing setting only.

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form:** Cream
 - Color:** Blue green
- **Odour:** Characteristic
- **Odor threshold:** Not determined.

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Safety Data Sheet (SDS)

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Trade Name: Exuviance Ultra Restorative Crème
Exuviance Professional Ultra Restorative Crème

- **pH-value @ 20 °C (68 °F):** 3.5-4.2
- **Change in condition**
 - Melting point/Melting range:** Not determined.
 - Boiling point/Boiling range:** ≥100 °C (≥212 °F)
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)
- **Density:**
 - Relative density:** Not determined.
 - Vapor density:** Not determined.
 - Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 6.5 %
 - Water:** 42.1 %
 - VOC content:** 4.54 %
 - Solids content:** 25.4 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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Exuviance Professional Ultra Restorative Crème

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

541-02-6 Decamethylcyclpentasiloxane		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	8.67 mg/l (Rat)
57-55-6 Propylene Glycol		
Oral	LD50	20,000 mg/kg (Rat)
Dermal	LD50	20,800 mg/kg (Rabbit)
Inhalative	LC50/96 hours	52,930 mg/l (Pimephales)
	Intravenous	6,630 mg/kg (Mouse)
		6,423 mg/kg (Rat)
		6,500 mg/kg (Rabbit)
102-71-6 Triethanolamine		
Oral	LD50	5,530 mg/kg (Rat)
		2,200 mg/kg (Rabbit)
	LD50 Oral	2,200 ml/kg (Guinea Pig)
Dermal		5,846 ml/kg (Mouse)
	LD50	>22,500 mg/kg (Rabbit)
112-92-5 Stearyl alcohol		
Oral	LD50	20,000 mg/kg (Rat)
56-81-5 Glycerol		
Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (Rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)
111-90-0 Diethylene glycol monoethyl ether		
Oral	LD50	5,500 mg/kg (Rat)
Dermal	LD50	8,500 mg/kg (Rabbit)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans

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Trade Name: Exuviance Ultra Restorative Crème
Exuviance Professional Ultra Restorative Crème

Group 4 - Probably not carcinogenic to humans

102-71-6	Triethanolamine	3
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• **NTP (National Toxicology Program):**

None of the ingredients are listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

• **Toxicity:**

• **Aquatic toxicity:**

57-55-6 Propylene Glycol

EC50 >10,000 mg/l (Daphnia)

102-71-6 Triethanolamine

EC50 609.98 mg/l (Daphnia)

• **Persistence and degradability:** No further relevant information available.

• **Behavior in environmental systems:**

• **Bioaccumulative potential:** No further relevant information available.

• **Mobility in soil:** No further relevant information available.

• **Additional ecological information:**

• **General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

• **Results of PBT and vPvB assessment:**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

• **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

• **Waste treatment methods**

• **Recommendation:**

Smaller quantities can be disposed of with household waste.

Observe all federal, state and local environmental regulations when disposing of this material.

• **Uncleaned packaging**

• **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

• **UN-Number:**

• **DOT, ADR/ADN, ADN, IMDG, IATA**

Non-Regulated Material

• **UN proper shipping name:**

• **DOT, ADR/ADN, ADN, IMDG, IATA**

Non-Regulated Material

• **Transport hazard class(es):**

• **DOT, ADR/ADN, ADN, IMDG, IATA**

• **Class:**

Non-Regulated Material

• **Packing group:**

• **DOT, ADR/ADN, IMDG, IATA**

Non-Regulated Material

• **Environmental hazards:**

Not applicable.

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Trade Name: Exuviance Ultra Restorative Crème
Exuviance Professional Ultra Restorative Crème

- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

• **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

• **Section 313 (Specific toxic chemical listings):**

111-90-0	Diethylene glycol monoethyl ether
122-99-6	2-Phenoxyethanol

• **TSCA (Toxic Substances Control Act):**

90-80-2	δ-Gluconolactone
541-02-6	Decamethylcyclopentasiloxane
540-97-6	Cyclohexasiloxane
57-55-6	Propylene Glycol
102-71-6	Triethanolamine
9004-99-3	Polyethylene glycol stearate
112-92-5	Stearyl alcohol
627-83-8	Glycol distearate
56-81-5	Glycerol
7200-25-1	DL-arginine
11099-07-3	Glyceryl Stearate
111-90-0	Diethylene glycol monoethyl ether
68334-28-1	Vegetable Oil, hydrogenated
141-62-8	Decamethyltetrasiloxane
8009-03-8	Petrolatum
107-88-0	1,3-Butanediol
122-99-6	2-Phenoxyethanol
73398-61-5	Caprylic / capric triglyceride
57-10-3	Palmitic acid
57-11-4	Stearic Acid, pure
8002-43-5	Lecithin
9004-62-0	Hydroxyethyl Cellulose
11138-66-2	Xanthan Gum
1117-86-8	octane-1,2-diol
9003-05-8	Polyacrylamide
7732-18-5	Water, distilled water, deionized water

• **California Proposition 65:**

• **Chemicals known to cause cancer:**

None of the ingredients are listed.

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· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients are listed.	
· New Jersey Right-to-Know List:	
57-55-6	Propylene Glycol
102-71-6	Triethanolamine
56-81-5	Glycerol
· New Jersey Special Hazardous Substance List:	
None of the ingredients are listed.	
· Pennsylvania Right-to-Know List:	
57-55-6	Propylene Glycol
102-71-6	Triethanolamine
56-81-5	Glycerol
68334-28-1	Vegetable Oil, hydrogenated
· Pennsylvania Special Hazardous Substance List:	
None of the ingredients are listed.	
· Carcinogenic categories:	
· EPA (Environmental Protection Agency):	
None of the ingredients are listed.	
· TLV (Threshold Limit Value established by ACGIH):	
None of the ingredients are listed.	
· NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients are listed.	
· GHS label elements Non-Regulated Material	
· Hazard pictograms: Non-Regulated Material	
· Signal word: Non-Regulated Material	
· Hazard statements: Non-Regulated Material	
· National regulations:	
None of the ingredients are listed.	
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 09/20/2018 / -

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation

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Exuviance Professional Ultra Restorative Crème

IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 4: Flammable liquids – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

- *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/21/2018

Reviewed on 09/21/2018

* 1 Identification

- **Product Identifier**
- **Trade Name:** *Exuviance Professional Sheer Refining Fluid with Sunscreen Broad Spectrum SPF 40*
NeoStrata Sheer Hydration Sunscreen Broad Spectrum SPF 40
NeoStrata Sheer Hydration with Sunscreen Broad Spectrum SPF 40
NeoStrata ProSystem Sheer Hydration with Sunscreen Broad Spectrum SPF 40
- **Product Number:** FLA#: 345-188
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Cosmetics, personal care products
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
NeoStrata Company Inc.
307 College Road East
Princeton, NJ 08540
Phone: +1-609-520-0715
Fax: +1-609-986-1928
www.neostrata.com
- Responsible Person: NeoStrata UG, DE-41470 Neuss
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

Eye Irrit. 2B H320 Causes eye irritation.

Aquatic Acute 2 H401 Toxic to aquatic life.

- **Label elements:**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS09

- **Signal word:** Warning

- **Hazard statements:**

H320 Causes eye irritation.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

- **Precautionary statements:**

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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Safety Data Sheet (SDS)

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Trade Name: Exuviance Professional Sheer Refining Fluid with Sunscreen Broad Spectrum SPF 40
NeoStrata Sheer Hydration Sunscreen Broad Spectrum SPF 40
NeoStrata Sheer Hydration with Sunscreen Broad Spectrum SPF 40
NeoStrata ProSystem Sheer Hydration with Sunscreen Broad Spectrum SPF 40

P391 Collect spillage.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.
19.7 % of the mixture consists of component(s) of unknown toxicity.

• **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

• **Chemical characterization: Mixtures**

• **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous Components:**

CAS: 5466-77-3	Octyl methoxycinnamate ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	5-10%
CAS: 190085-41-7	2-hydroxybenzoic acid 2-butyloctyl ester Aquatic Chronic 4, H413	2-12%
CAS: 541-02-6	Decamethylcyclopentasiloxane Flam. Liq. 4, H227; Eye Irrit. 2B, H320; Aquatic Chronic 4, H413	2-12%
CAS: 141-62-8	Decamethyltetrasiloxane Flam. Liq. 4, H227	2-12%
CAS: 56-81-5 RTECS: MA 8050000	Glycerol	2-12%
CAS: 70356-09-1	Butyl Methoxydibenzoylmethane ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	2-12%
CAS: 9004-99-3	Polyethylene glycol stearate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	≤2.5%
CAS: 36653-82-4 RTECS: MM 0225000	1-Hexadecanol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2B, H320	≤2.5%

• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

• **Description of first aid measures**

• **General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

• **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.

• **After skin contact:**

Generally the product does not irritate the skin.
If skin irritation occurs, consult a doctor.

• **After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
If easy to do so, remove contact lenses if worn.
If eye irritation occurs, consult a doctor.

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NeoStrata Sheer Hydration Sunscreen Broad Spectrum SPF 40
NeoStrata Sheer Hydration with Sunscreen Broad Spectrum SPF 40
NeoStrata ProSystem Sheer Hydration with Sunscreen Broad Spectrum SPF 40

- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

56-81-5	Glycerol	45 mg/m ³
107-88-0	1,3-Butanediol	120 mg/m ³
36653-82-4	1-Hexadecanol	1.6 mg/m ³
57-55-6	Propylene Glycol	30 mg/m ³
122-99-6	2-Phenoxyethanol	1.5 ppm
139-33-3	Edetate Disodium - EDTA	11 mg/m ³
9005-00-9	Polyoxyethylene(20) stearyl ether	5.7 mg/m ³
7631-90-5	sodium hydrogensulphite	15 mg/m ³

· **PAC-2:**

56-81-5	Glycerol	180 mg/m ³
107-88-0	1,3-Butanediol	1,300 mg/m ³
36653-82-4	1-Hexadecanol	18 mg/m ³
57-55-6	Propylene Glycol	1,300 mg/m ³

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Trade Name: Exuviance Professional Sheer Refining Fluid with Sunscreen Broad Spectrum SPF 40
NeoStrata Sheer Hydration Sunscreen Broad Spectrum SPF 40
NeoStrata Sheer Hydration with Sunscreen Broad Spectrum SPF 40
NeoStrata ProSystem Sheer Hydration with Sunscreen Broad Spectrum SPF 40

122-99-6	2-Phenoxyethanol	16 ppm
139-33-3	Edetate Disodium - EDTA	120 mg/m ³
9005-00-9	Polyoxyethylene(20) stearyl ether	63 mg/m ³
7631-90-5	sodium hydrogensulphite	66 mg/m ³
· PAC-3:		
56-81-5	Glycerol	1,100 mg/m ³
107-88-0	1,3-Butanediol	4,500 mg/m ³
36653-82-4	1-Hexadecanol	110 mg/m ³
57-55-6	Propylene Glycol	7,900 mg/m ³
122-99-6	2-Phenoxyethanol	97 ppm
139-33-3	Edetate Disodium - EDTA	730 mg/m ³
9005-00-9	Polyoxyethylene(20) stearyl ether	380 mg/m ³
7631-90-5	sodium hydrogensulphite	400 mg/m ³

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

56-81-5 Glycerol	
PEL	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.
9004-99-3 Polyethylene glycol stearate	
TWA	Long-term value: 10 mg/m ³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
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- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
 The usual precautionary measures for handling chemicals should be followed.
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing and wash before reuse.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Tightly sealed goggles recommended in a manufacturing setting only.

- **Limitation and supervision of exposure into the environment:**
 Keep away from drains, surface and ground waters.
 Avoid release into the environment.

* 9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Lotion
Color:	White to off white
Odour:	Characteristic
Odor threshold:	Not determined.
- **pH-value @ 20 °C (68 °F):** 4-6
- **Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	≥100 °C (≥212 °F)
- **Flash point:** ≥113 °C (≥235.4 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.
- **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)

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- **Density @ 20 °C (68 °F):** 0.96-1.04 g/cm³ (8.0112-8.6788 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Miscible
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic @ 20 °C (68 °F):** 8,000-30,000 mPas
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 3.7 %
 - Water:** 44.2 %
 - VOC content:** 0.48 %
 - Solids content:** 8.9 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

· LD/LC50 values that are relevant for classification:		
541-02-6 Decamethylcyclopentasiloxane		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	8.67 mg/l (Rat)
56-81-5 Glycerol		
Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (Rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)
36653-82-4 1-Hexadecanol		
Oral	LD50	5,000 mg/kg (Rat)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** Irritating effect.

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• **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

• **Carcinogenic categories:**

• **IARC (International Agency for Research on Cancer):**

- Group 1 - Carcinogenic to humans
- Group 2A - Probably carcinogenic to humans
- Group 2B - Possibly carcinogenic to humans
- Group 3 - Not classifiable as to its carcinogenicity to humans
- Group 4 - Probably not carcinogenic to humans

9003-01-4	Carbomer	3
7631-90-5	sodium hydrogensulphite	3

• **NTP (National Toxicology Program):**

None of the ingredients are listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

• **Toxicity:**

• **Aquatic toxicity:**

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

• **Persistence and degradability:** No further relevant information available.

• **Behavior in environmental systems:**

• **Bioaccumulative potential:** No further relevant information available.

• **Mobility in soil:** No further relevant information available.

• **Ecotoxicological effects:**

• **Remark:** Toxic for fish

• **Additional ecological information:**

• **General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

Poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

• **Results of PBT and vPvB assessment:**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

• **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

• **Waste treatment methods**

• **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Observe all federal, state and local environmental regulations when disposing of this material.

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- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:** Non-Regulated Material
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:** Non-Regulated Material
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN**



Limited Quantity

- **Class:** Non-Regulated Material
- **ADN/R Class:** Non-Regulated Material

- **IMDG, IATA**



Limited Quantity

- **Class:** Non-Regulated Material
- **Label:** 9+ID8000
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Stowage Category** A
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

122-99-6 | 2-Phenoxyethanol

· **TSCA (Toxic Substances Control Act):**

5466-77-3	Octyl methoxycinnamate
118-60-5	Ethyl hexyl salicylate
541-02-6	Decamethylcyclopentasiloxane
141-62-8	Decamethyltetrasiloxane

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68411-27-8	C12-15 Alkyl Benzoate	
56-81-5	Glycerol	
70356-09-1	Butyl Methoxydibenzoylmethane	
123-94-4	Glyceryl Monostearate	
107-88-0	1,3-Butanediol	
9004-99-3	Polyethylene glycol stearate	
36653-82-4	1-Hexadecanol	
57-55-6	Propylene Glycol	
58-95-7	α-tocopheryl acetate	
122-99-6	2-Phenoxyethanol	
11138-66-2	Xanthan Gum	
139-33-3	Edetate Disodium - EDTA	
9004-95-9	Polyethylene glycol hexadecyl ether	
9005-00-9	Polyoxyethylene(20) stearyl ether	
1117-86-8	octane-1,2-diol	
9003-01-4	Carbomer	
7631-90-5	sodium hydrogensulphite	
7732-18-5	Water, distilled water, deionized water	
<ul style="list-style-type: none"> • TSCA new (21st Century Act) (Substances not listed) 		
190085-41-7	2-hydroxybenzoic acid 2-butyloctyl ester	
70356-09-1	Butyl Methoxydibenzoylmethane	
<ul style="list-style-type: none"> • California Proposition 65: 		
<ul style="list-style-type: none"> • Chemicals known to cause cancer: 		
None of the ingredients are listed.		
<ul style="list-style-type: none"> • Chemicals known to cause reproductive toxicity for females: 		
None of the ingredients are listed.		
<ul style="list-style-type: none"> • Chemicals known to cause reproductive toxicity for males: 		
None of the ingredients are listed.		
<ul style="list-style-type: none"> • Chemicals known to cause developmental toxicity: 		
None of the ingredients are listed.		
<ul style="list-style-type: none"> • New Jersey Right-to-Know List: 		
56-81-5	Glycerol	
57-55-6	Propylene Glycol	
7631-90-5	sodium hydrogensulphite	
<ul style="list-style-type: none"> • New Jersey Special Hazardous Substance List: 		
7631-90-5	sodium hydrogensulphite	CO
<ul style="list-style-type: none"> • Pennsylvania Right-to-Know List: 		
56-81-5	Glycerol	
57-55-6	Propylene Glycol	
7631-90-5	sodium hydrogensulphite	

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· Pennsylvania Special Hazardous Substance List:		
7631-90-5	sodium hydrogensulphite	E

· **Carcinogenic categories:**

· EPA (Environmental Protection Agency):		
None of the ingredients are listed.		

· **TLV (Threshold Limit Value established by ACGIH):**

7631-90-5	sodium hydrogensulphite	A4
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· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.		
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· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS09

· **Signal word:** Warning

· **Hazard statements:**

- H320 Causes eye irritation.
- H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements:**

- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

None of the ingredients are listed.		
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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 09/21/2018 / 2

· **Abbreviations and acronyms:**

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation

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IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 4: Flammable liquids – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

· *** Data compared to the previous version altered.**

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