

Safety Data Sheet (SDS)

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

Issue date 09/27/2018

Reviewed on 09/27/2018

1 Identification

- **Product Identifier**
- **Trade Name: Exuviance Clarifying Peel/Booster**
Exuviance Professional Clarifying Peel/Booster
- **Product Number:** FLA#: 357-077B
- **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:**

mandelic acid
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.

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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.

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: 90-64-2	mandelic acid ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	15-35%
CAS: 79-14-1 RTECS: MC 5250000	Glycolic acid ⚠ Skin Corr. 1A, H314; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	2-12%
CAS: 90-80-2	δ-Gluconolactone ⚠ STOT SE 3, H335	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%

• **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 15 minutes. Get medical attention.

Have eyes examined and tested by medical personnel.

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

Get immediate medical attention.

• **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.

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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:**

90-64-2	mandelic acid	25 mg/m ³
79-14-1	Glycolic acid	25 mg/m ³
1336-21-6	Ammonium Hydroxide	61 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
7631-90-5	sodium hydrogensulphite	15 mg/m ³

• **PAC-2:**

90-64-2	mandelic acid	270 mg/m ³
79-14-1	Glycolic acid	280 mg/m ³
1336-21-6	Ammonium Hydroxide	330 ppm
122-99-6	2-Phenoxyethanol	16 ppm
7631-90-5	sodium hydrogensulphite	66 mg/m ³

• **PAC-3:**

90-64-2	mandelic acid	1,600 mg/m ³
79-14-1	Glycolic acid	390 mg/m ³
1336-21-6	Ammonium Hydroxide	2,300 ppm
122-99-6	2-Phenoxyethanol	97 ppm
7631-90-5	sodium hydrogensulphite	400 mg/m ³

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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.
- **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:	Solution
Color:	Light brown

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- **Odour:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value @ 20 °C (68 °F):** 3.3-3.8
- **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:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 0.6 %
 - Water:** 70.4 %
 - VOC content:** 0.64 %
 - Solids content:** 27.3 %
- **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.

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11 Toxicological Information

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

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

90-64-2 mandelic acid

Oral	LD50	4,100 mg/kg (Rat)
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79-14-1 Glycolic acid

Oral	LD50	1,950 mg/kg (Rat)
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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:** 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:
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

7631-90-5	sodium hydrogensulphite	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:**
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.

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- **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 product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
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. 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
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122-99-6	2-Phenoxyethanol	
• TSCA (Toxic Substances Control Act):		
90-64-2	mandelic acid	
79-14-1	Glycolic acid	
90-80-2	δ-Gluconolactone	
7200-25-1	DL-arginine	
1336-21-6	Ammonium Hydroxide	
122-99-6	2-Phenoxyethanol	
1117-86-8	Caprylyl Glycol	
7631-90-5	sodium hydrogensulphite	
7732-18-5	Water, distilled water, deionized water	
• TSCA new (21st Century Act) (Substances not listed)		
90-64-2	mandelic acid	
• 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:		
1336-21-6	Ammonium Hydroxide	
7631-90-5	sodium hydrogensulphite	
• New Jersey Special Hazardous Substance List:		
1336-21-6	Ammonium Hydroxide	CO
7631-90-5	sodium hydrogensulphite	CO
• Pennsylvania Right-to-Know List:		
1336-21-6	Ammonium Hydroxide	
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):		
7631-90-5	sodium hydrogensulphite	A4
• 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:**



GHS05

• **Signal word:** Danger

• **Hazard-determining components of labeling:**

mandelic acid
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:** 09/27/2018 / 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

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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

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

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