

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:



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:



- · 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.



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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.

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:

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

#### · 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

#### <sup>.</sup> 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.



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• *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/m³
1344-28-1	Aluminium Oxide	15 mg/m³
56-81-5	Glycerol	45 mg/m³
68037-01-4	Polyalphaolefin	30 mg/m³
1336-21-6	Ammonium Hydroxide	61 ppm
107-88-0	1,3-Butanediol	120 mg/m <sup>3</sup>
36653-82-4	1-Hexadecanol	1.6 mg/m³
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/m³
PAC-2:		
79-14-1	Glycolic acid	280 mg/m³
1344-28-1	Aluminium Oxide	170 mg/m³
56-81-5	Glycerol	180 mg/m³
68037-01-4	Polyalphaolefin	330 mg/m <sup>3</sup>
1336-21-6	Ammonium Hydroxide	330 ppm
107-88-0	1,3-Butanediol	1,300 mg/m³
	1	(Contd. on page 4



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36653-82-4	1-Hexadecanol	18 mg/m³
112-92-5	Stearyl alcohol	60 ppm
122-99-6	2-Phenoxyethanol	16 ppm
9005-00-9	Polyoxyethylene(20) stearyl ether	63 mg/m³
· PAC-3:		
79-14-1	Glycolic acid	390 mg/m³
1344-28-1	Aluminium Oxide	990 mg/m³
56-81-5	Glycerol	1,100 mg/m³
68037-01-4	Polyalphaolefin	2,000 mg/m³
1336-21-6	Ammonium Hydroxide	2,300 ppm
107-88-0	1,3-Butanediol	4,500 mg/m³
36653-82-4	1-Hexadecanol	110 mg/m³
112-92-5	Stearyl alcohol	360 ppm
122-99-6	2-Phenoxyethanol	97 ppm
9005-00-9	Polyoxyethylene(20) stearyl ether	380 mg/m³

## 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 <sup>3</sup> mist; *total dust **respirable fraction		
TLV	TLV withdrawn-insufficient data human occup. exp.		
68037-01-4 Polyalphaolefin			
ACGIH TL	/ Short-term value: 10 mg/m³ Long-term value: 5 mg/m³		
OSHA PEL	Long-term value: 5 mg/m <sup>3</sup>		
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#### 9004-99-3 Polyethylene glycol stearate

TWA Long-term value: 10 mg/m<sup>3</sup>

· 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 googles 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

<ul> <li>Information on basic physical and ch</li> <li>General Information</li> </ul>	nemical properties
• Appearance: Form: Color: • Odour: • Odor threshold:	Cream Off white to white Characteristic Not determined.
· pH-value @ 20 °C (68 °F):	3.5-4
<ul> <li>Change in condition Melting point/Melting range: Boiling point/Boiling range:</li> </ul>	Not determined. ≥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: Upper:	Not determined. Not determined.

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

#### 0 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.

#### Toxicological Information

· Information on toxicological effects:

· Acute tox	ricity:	
· LD/LC50	values that are	relevant for classification:
79-14-1 G	lycolic acid	
Oral	LD50	1,950 mg/kg (Rat)
1344-28-1	Aluminium Ox	ide
Oral	LD50	>10,000 mg/kg (Rat)
Inhalative	LC50/4 h	>2.6 mg/l (Rat)
56-81-5 G	lycerol	
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 Hy	ydroxide
Oral	LD50	350 mg/kg (RAT) Remarks: Gastrointestinal: Other changes. Liver: Other changes. Kidney, Ureter, Bladder: Other changes.
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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:

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.
- Ecotoxical 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.

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

#### 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 (Tox	· 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		
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36653-82-4	1-Hexadecanol	
	Stearyl alcohol	
	2-Phenoxyethanol	
	Caprylyl Glycol	
	Polyethylene glycol hexadecyl ether	
	Polyoxyethylene(20) stearyl ether	
	Water, distilled water, deionized water	
· TSCA new	(21st Century Act) (Substances not listed)	
	Isononyl isononanoate	
	Proposition 65:	
	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
Pennsylvar	nia Right-to-Know List:	
-	Aluminium Oxide	
56-81-5	Glycerol	
1336-21-6	Ammonium Hydroxide	
Pennsylvar	nia Special Hazardous Substance List:	
1344-28-1	Aluminium Oxide	E
1336-21-6	Ammonium Hydroxide	E
· Carcinoger	nic categories:	
· EPA (Envir	onmental Protection Agency):	
None of the	ingredients are listed.	
• TLV (Thres	hold 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 e	alamants	

#### · GHS label elements

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



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#### · Hazard pictograms:



· 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.

#### 6 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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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

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