

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 01/22/2024

Reviewed on 01/22/2024

* 1 Identification

- **Product Identifier**
- **Trade Name: Revive Thickening Shampoo**
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Anti-Hair Loss Shampoo
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
 AMR Labs
 7922 Haskell Ave
 Van Nuys, CA 91406
 (818) 787-4008
 Monday thru Friday (7:00 am – 4:00 pm PST)
- **Emergency telephone number:** (818) 787-4008 Monday thru Friday (7:00 am – 4:00 pm PST)

2 Hazard(s) Identification

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



Acute Toxicity - Oral 4 H302 Harmful if swallowed.

Eye Irritation 2B H320 Causes eye irritation.

- **Label elements:**
- **Hazard pictograms:**



- **Signal word:** Warning
- **Hazard-determining components of labeling:**
 Sodium Methyl Oleoyl Taurate
 2-phenoxyethanol
 3-(2-ethylhexyloxy)propane-1,2-diol
 Sodium Cocoyl Alanine
- **Hazard statements:**
 H302 Harmful if swallowed.
 H320 Causes eye irritation.
- **Precautionary statements:**
 P264+P265 Wash thoroughly after handling. Do not touch eyes.
 P270 Do not eat, drink or smoke when using this product.
 P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
 P330 Rinse mouth.
 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+P317 If eye irritation persists: Get medical help.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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· **Unknown acute toxicity:**

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

15 % of the mixture consists of component(s) of unknown toxicity.

· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



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

3 Composition/Information on Ingredients

· **Chemical characterization: Substance**

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

· **Dangerous Components:**

CAS: 56-81-5 RTECS: MA 8050000	Glycerol	2-12%
CAS: 60-00-4 RTECS: AH 4375000	Edetic acid ⚠ Eye Irritation 2A, H319	2-12%
CAS: 77-92-9 RTECS: GE 7350000	citric acid ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H335	2-12%
CAS: 107-41-5 RTECS: SA 0810000	Hexylene Glycol ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Flammable Liquids 4, H227	2-12%
CAS: 122-99-6 RTECS: KM 0350000	2-phenoxyethanol ⚠ Eye Damage 1, H318; ⚠ Acute Toxicity - Oral 4, H302; Specific Target Organ Toxicity - Single Exposure 3, H335	2-12%
CAS: 137-20-2	Sodium Methyl Oleoyl Taurate ⚠ Acute Toxicity - Oral 3, H301; ⚠ Eye Damage 1, H318	2-12%
CAS: 1117-86-8	Caprylyl Glycol Eye Irritation 2B, H320	2-12%
CAS: 8001-79-4 RTECS: FI 4100000	Castor oil Eye Irritation 2B, H320	2-12%
CAS: 61789-32-0	Sodium cocoyl isethionate ⚠ Eye Irritation 2A, H319	2-12%
CAS: 70445-33-9	3-(2-ethylhexyloxy)propane-1,2-diol ⚠ Eye Damage 1, H318	2-12%
CAS: 90170-45-9	Sodium Cocoyl Alanine ⚠ Acute Toxicity - Oral 4, H302; Eye Irritation 2A, H319	2-12%

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Sodium Lauroyl Methyl Isethionate	2-12%
⚠ Eye Irritation 2A, H319	

· **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:** If symptoms persist, call a physician.

· **After inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

· **After skin contact:** Wash with soap and water if irritated.

· **After eye contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation continues, get medical attention immediately.

· **After swallowing:**

Not toxic. Induce vomiting immediately if and only as directed by medical personnel. Never give anything by mouth to an unconscious person.

· **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:** Treat symptomatically.

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:** Dilute with plenty of water.

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

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

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.

· **PAC-1:**

56-81-5	Glycerol	45 mg/m ³
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60-00-4	Edetic acid	4.1 mg/m ³
107-41-5	Hexylene Glycol	2.3 ppm
107-88-0	Butylene glycol	120 mg/m ³
122-99-6	2-phenoxyethanol	1.5 ppm
26590-05-6	POLYQUATERNIUM	30 mg/m ³
72-17-3	sodium lactate	7.6 mg/m ³
· PAC-2:		
56-81-5	Glycerol	180 mg/m ³
60-00-4	Edetic acid	45 mg/m ³
107-41-5	Hexylene Glycol	25 ppm
107-88-0	Butylene glycol	1,300 mg/m ³
122-99-6	2-phenoxyethanol	16 ppm
26590-05-6	POLYQUATERNIUM	330 mg/m ³
72-17-3	sodium lactate	84 mg/m ³
· PAC-3:		
56-81-5	Glycerol	1,100 mg/m ³
60-00-4	Edetic acid	200 mg/m ³
107-41-5	Hexylene Glycol	150 ppm
107-88-0	Butylene glycol	4,500 mg/m ³
122-99-6	2-phenoxyethanol	97 ppm
26590-05-6	POLYQUATERNIUM	2,000 mg/m ³
72-17-3	sodium lactate	790 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:**
Store in a dry area at normal room temperatures. Avoid high heat and freezing temperatures
- **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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- **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.
107-41-5 Hexylene Glycol	
REL	Ceiling limit value: 125 mg/m ³ , 25 ppm
TLV	Short-term value: 10** mg/m ³ , 50* 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.
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:** Not required.
- **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:** Hazy
 - **Odor:** Floral
 - **Odor threshold:** Not determined.
 - **pH-value:** Not determined.
- **Change in condition**
 - **Melting point/Melting range:** Not determined.
 - **Boiling point/Boiling range:** Not determined.
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.

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- **Auto igniting:** Not applicable
- **Decomposition temperature:** Not determined.
- **Ignition temperature:** 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:** Not determined.
- **Relative density:** Not determined.
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is 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:** High heat and freezing temperatures
- **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:

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)

60-00-4 Edetic acid

Oral	LD50	4,500 mg/kg (Rat)
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77-92-9 citric acid		
Oral	LD50	5,040 mg/kg (mouse) 5,400 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
	LC50/48 hrs	440 mg/l (Daphnia)
107-41-5 Hexylene Glycol		
Oral	LD50	3,700 mg/kg (Rat)
Dermal	LD50	8,560 mg/kg (rabbit)
122-99-6 2-phenoxyethanol		
Oral	LD50	1,394 mg/kg (ATE) 1,260 mg/kg (Rat)
Dermal	LD50	5,000 mg/kg (rabbit)
1117-86-8 Caprylyl Glycol		
Dermal	LD50	14,422 mg/kg (rabbit)
8001-79-4 Castor oil		
Oral	LD50	>4,952 mg/kg (Rat)
90170-45-9 Sodium Cocoyl Alanine		
Oral	LD50	2,000 mg/kg (Rat)

· **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:

Harmful

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:**

77-92-9 citric acid

EC50 | 1,534 mg/l (Daphnia)

122-99-6 2-phenoxyethanol

EC50 | >500 mg/l (Daphnia)

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Trade Name: Revive Thickening Shampoo

- **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.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport Information

- **UN-Number:**
 - **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
 - **UN proper shipping name:**
 - **DOT, ADR/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.
 - **Transport/Additional information:**
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- **ADR/ADN**
 - **Remarks:** > 5 l: 9
-
- **IATA**
 - **Remarks:** > 5 l: Class 9
 - **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
No further relevant information available.

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· **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):**

56-81-5	Glycerol	ACTIVE
58-85-5	Biotin	ACTIVE
60-00-4	Edetic acid	ACTIVE
77-92-9	citric acid	ACTIVE
107-41-5	Hexylene Glycol	ACTIVE
107-88-0	Butylene glycol	ACTIVE
122-99-6	2-phenoxyethanol	ACTIVE
137-20-2	Sodium Methyl Oleoyl Taurate	ACTIVE
1117-86-8	Caprylyl Glycol	ACTIVE
8001-79-4	Castor oil	ACTIVE
26590-05-6	POLYQUATERNIUM	ACTIVE
61789-32-0	Sodium cocoyl isethionate	ACTIVE
72-17-3	sodium lactate	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients are listed.

· **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:**

56-81-5	Glycerol
60-00-4	Edetic acid
107-41-5	Hexylene Glycol

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

None of the ingredients are listed.

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

56-81-5	Glycerol
60-00-4	Edetic acid

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107-41-5	Hexylene Glycol
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· **Pennsylvania Special Hazardous Substance List:**

60-00-4	Edetic acid	E
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· **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:**



· **Signal word:** Warning

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

Sodium Methyl Oleoyl Taurate
 2-phenoxyethanol
 3-(2-ethylhexyloxy)propane-1,2-diol
 Sodium Cocoyl Alanine

· **Hazard statements:**

H302 Harmful if swallowed.
 H320 Causes eye irritation.

· **Precautionary statements:**

P264+P265 Wash thoroughly after handling. Do not touch eyes.
 P270 Do not eat, drink or smoke when using this product.
 P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
 P330 Rinse mouth.
 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+P317 If eye irritation persists: Get medical help.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· **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.

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· **Contact:**

· **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
- 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)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- 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
- Flammable Liquids 4: Flammable liquids – Category 4
- Acute Toxicity - Oral 3: Acute toxicity – Category 3
- Acute Toxicity - Oral 4: Acute toxicity – Category 4
- Skin Irritation 2: Skin corrosion/irritation – Category 2
- Eye Damage 1: Serious eye damage/eye irritation – Category 1
- Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
- Eye Irritation 2B: Serious eye damage/eye irritation – Category 2B
- Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

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

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