

Phenylpropanol EHG

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 03-Jan-2025
Supersedes: 17-Jul-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Phenylpropanol EHG
Synonyms: No data available
INCI Name: Phenylpropanol, Ethylhexylglycerin
CAS Number: 122-97-4, 70445-33-9
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification: Skin corrosion: Category 1B
Serious eye damage: Category 1
Specific target organ toxicity (single exposure) (Respiratory tract irritation): Category 3
Signal Word: **DANGER!**

Hazard Pictograms:



Hazard Statements:

Precautionary Statements:

H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.
(Prevention) P280: Wear protective gloves, protective clothing, and eye or face protection.
P271: Use only outdoors or in a well-ventilated area.
P261: Avoid breathing vapor.
P264: Wash hands thoroughly after handling.
(Response) P304 + P340 + P310: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
P301 + P310 + P330 + P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 + P363 + P310: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician.
P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
(Storage) P405: Store locked up.
P403: Store in a well-ventilated place.
P404: Keep container closed.
(Disposal) P501: Dispose of contents and container in accordance with local, regional, national, and international regulations.
Potential Health Hazards: Eyes: Causes serious eye damage.
Inhalation: May be an irritant.
Skin: Causes severe burns.
Ingestion: No known significant effects or critical hazards.

NFPA Ratings (704):

Health	3	Serious
Flammability	1	Slight
Reactivity	0	Minimal

Specific Hazard N/A

HMIS Ratings:

Health	3	Serious
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Flammability	1	Slight
Physical Hazards	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Phenylpropanol	122-97-4	≥50 - ≤75%	Not Available
Ethylhexylglycerin	70445-33-9	≥25 - ≤50%	Not Available

4 FIRST AID MEASURES

Eyes:	Causes serious eye damage. Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contacts lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation:	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear and appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Adverse symptoms may include: Respiratory tract irritation, coughing.
Skin:	Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse. Adverse symptoms may include: Pain or irritation, redness, blistering may occur.
Ingestion:	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband. Adverse symptoms may include: Stomach pains.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. Warehousing: All materials except oxidizers can be extinguished by replacing the available air with CO2 when a stationary CO2 installation is installed. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode and full protective clothing, including eye protection and boots. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Flash Points:	>413°F (>212°C)
Specific hazards arising from the chemical:	In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include carbon dioxide, and carbon monoxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breath vapor or mist. Provide adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
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Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	For small spills, stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. For large spills, stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent materials e/g/ sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Do not try to clean up the leak without proper protective equipment. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing before entering eating areas. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Phenylpropanol EHG	None		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:	
Eyes:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield.
Inhalation:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure the proper fitting, training, and other important aspects of use. If inhalation hazard exists, a full-face respirator is recommended.
Body:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may vary by glove manufacturers. In the case of a mixture consisting of several substances, the protection time of the gloves cannot be accurately estimated. Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist before handling this product.
Other:	Use good personal hygiene practices. Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emissions from ventilation or work processes equipment should be checked to ensure they comply with the requirements of environmental protection

legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	No data available
Odor:	Mild, floral	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Transparent	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	6.7 [Conc. (% w/w): 0.5%]	Flash Point:	>413°F (>212°C)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	Slightly soluble in hot/cold water
Relative Density:	0.95 to 1.05	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Dynamic Viscosity:	10 - 50 mPa·s (10 - 50cP) at room temperature	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability:	The product is stable.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Product causes severe burns. Adverse symptoms include pain, irritation, redness, blistering. (Rabbit, Dermal) Component: 3-phenylpropan-1-ol; LD50 5g/kg. Moderate irritant to skin; Exposure: 24 hours 500 milligrams. (Rat, Dermal) Component: 3-(2-ethylhexyloxy)propane-1,2-diol; LD50 >2000 mg/kg. Mild skin irritant.
Eyes:	Product causes serious eye damage. Symptoms include pain, watering, redness. (Rabbit, Eyes) Component: 3-(2-ethylhexyloxy)propane-1,2-diol: Severe irritant.
Inhalation:	Product may cause respiratory irritation. Adverse symptoms may include respiratory tract irritation. Inhalation (Vapors); ATE Value: 36.67 mg/l.
Ingestion:	No known significant effects or critical hazards for product. Adverse symptoms include stomach pains. (Rat, Oral) Component: 3-phenylpropan-1-ol; LD50: 2300 mg/kg. (Rat, Oral) Component: 3-(2-ethylhexyloxy)propane-1,2-diol; LD50 >2000 mg/kg.
Carcinogenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Germ Cell Mutagenicity:	No known significant effects or critical hazards.
Developmental Effects:	No known significant effects or critical hazards.
STOT Repeated Exposure:	No data available.
STOT Single Exposure:	Component: 3-phenylpropan-1-ol; Target Organs: Respiratory tract irritation; Category 3. Component: 3-(2-ethylhexyloxy)propane-1,2-diol; Target Organs: Respiratory tract irritation; Category 3.

Reproductive Toxicity:	No known significant effects or critical hazards.
Sensitization:	(Guinea Pig) Component: 3-(2-ethylhexyloxy)propane-1,2-diol; Route of Exposure: Respiratory; Not sensitizing. Route of Exposure: Skin; Not sensitizing.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	Component: 3-phenylpropan-1-ol; LogP _{ow} : 1.88; Potential: Low.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No known significant effects or critical hazards.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	UN Number: 1760 Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol), Class: 8 Packing Group: II Environmental Hazards: No
TDG (Transportation of Dangerous Goods, Canada):	UN Number: 1760 Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol), Class: 8 Packing Group: II Environmental Hazards: No
IMDG (International Maritime Dangerous Goods):	UN Number: 1760 Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol), Class: 8 Packing Group: II Environmental Hazards: No
IATA (International Air Transport Association):	UN Number: 1760 Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol), Class: 8 Packing Group: II Environmental Hazards: No
ICAO (International Civil Aviation Organization):	UN Number: 1760

ADR/RID (Road and Rail Transportation):

Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol),
Class: 8

Packing Group: II

Environmental Hazards: No

UN Number: 1760

Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol),
Class: 8

Packing Group: II

Environmental Hazards: No

UN Number: 1760

Proper Shipping Name: Corrosive Liquid, N.O.S. (3-phenylpropan-1-ol),
Class: 8

Packing Group: II

Environmental Hazards: No

Mexico Transportation:

Product classified as per the following sections of Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8). Always transport in closed containers that are upright and secure. Ensure the person transporting the product knows what to do in the event of an accident or spillage. Tunnel Code: (E); Emergency Schedules: F-A-S-B.

Additional Information:

15 REGULATORY INFORMATION

TSCA 8(b) Inventory:

All components are listed or exempted.

Clean Air Act Section 112:

Not listed under hazardous air pollutants.

Clean Air Act Section 602:

Not listed under class I or Class II substances.

Canada:

All components are listed or exempted.

OSHA:

Signal Word: DANGER! This is based on the following classification categories; Skin Corrosion: Category B; Serious eye damage: Category 1; STOT (respiratory tract irritation): Category 3. No environmental hazards within OSHA jurisdiction therefore not required on SDS.

SARA 302/304:

No products were found. Not applicable for SARA 304 RQ.

SARA 311/312:

Skin Corrosion - Category 1B; Serious Eye Damage - Category 1; STOT (Single Exposure) (Respiratory tract irritation) - Category 3.

Information on Ingredients:

Component: 3-phenylpropan-1-ol: (≥ 50 - $\leq 75\%$) Skin Corrosion - Category 1B; Eye Irritation - Category 2A; STOT (Single Exposure) (Respiratory Tract Irritation) - Category 2.
Component: 3-(2-ethylhexyloxy)propane-1,2-diol: (≥ 25 - $\leq 50\%$) Acute toxicity (Inhalation) - Category 4; Serious Eye Damage - Category 1; STOT (Single Exposure) (Respiratory tract irritation) - Category 3.

DEA List Chemicals:

Not listed under list I precursor chemicals or list II essential chemicals.

States Right to Know:

None of the components are listed in MA, NY, NJ, or PA.

California Prop. 65:

This product does not require a Safe Harbor warning under California Prop. 65.

Chemical Weapon Convention

No listed chemicals.

List Schedules I, II, & III:

Europe:

At least one component is not listed on EINECS but all such components are listed in ELINCS. Please contact your supplier for information on the inventory status of this material.

Montreal Protocol:

Not listed.

Stockholm Convention:

Not listed on persistent organic pollutants.

Rotterdam Convention:

Not listed on Prior Informed Consent (PIC).

UNECE Aarhus Protocol on

Not listed.

POPs & Heavy Metals:

China:

All components are listed or exempted.

Australia:

All components are listed or exempted.

Japan (ENCS):

All components are listed or exempted.

Philippines:

At least one component is not listed.

Taiwan:

All components are listed or exempted.

Korea:

All components are listed or exempted.

New Zealand:

All components are listed or exempted.

16 OTHER INFORMATION

Revision Date: 03-Jan-2025

Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.