GelMaker® EMU

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

Revision Date: 01-Aug-2024
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name: GelMaker® EMU
Synonyms: No data available
INCI Name: Acrylate/Sodium Acryldimethyl-Taurate Copolymer, Water, Isohexadecane, Polysorbate 80
CAS Number: 77019-71-7, 7732-18-5, 93685-80-4/ 4390-04-9, 9005-65-6
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

GHS Classification: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: No known significant effects or critical hazards.
GHS Precautionary Statements: None.
Potential Health Hazards: Eyes: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

NFPA Ratings (704):

Health	0	Minimal
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

HMIS Ratings:

Health	0	Minimal
Flammability	1	Slight
Physical Hazard	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Acrylate/Sodium Acryldimethyl-Taurate Copolymer	77019-71-7	35 - 40%	Not Available
Water	7732-18-5	22.5 - 37.5%	Not Available
Isohexadecane	93685-80-4 / 4390-04-9	20 - 25%	Not Available
Polysorbate 80	9005-65-6	5 - 10%	Not Available
Sorbitan Oleate	1338-43-8	0 - 5%	Not Available

4 FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do Not Induce Vomiting unless instructed to do so by medical personal. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

First Aid Notes: No specific treatment listed. No action shall be taken involving any personal risk or without suitable training.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. 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 surrounding fire. No action shall be taken involving any personal risk or without suitable training.

Flash Points: 233.6ºF / 112ºC (Closed cup)

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, carbon monoxide, nitrogen oxides, sulfur oxides, metal oxide/oxides. 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 try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

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. If water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. For large spills, stop leak if without risk. Move containers from spill area. 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 material, e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Stir before use. Use good personal hygiene practice. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, or processed. Remove contaminated clothing and protective equipment 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 heat (0-30ºC) and direct sunlight, in a dry, cool, well-ventilated area. Keep container tightly closed 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

Component	Exposure Limits	Basis	Entity
GelMaker EMU	Not available	Not available	Not available

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:	Wear safety glasses with side shields.
Inhalation:	Select a respirator that meets the appropriate standard or certification based on the hazard and potential for exposure. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Body:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other:	Use good personal hygiene practices. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process 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 reuse. 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:	Faint odor	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	Whitish yellow tint	**Flammability:**	No data available
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	5 - 7	**Flash Point (Closed cup:**	233.6ºF / 112ºC (Closed cup)
Boiling Point:	>212ºF / >100ºC	**Specific Gravity:**	No data available
Melting/Freezing Point:	No data available	**Water Solubility:**	Dispersible in cold water
Relative Density:	No data available	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Viscosity at 25ºC:	1000 – 4500	**Explosive Properties:**	No data available
Oxidizing Properties:	No data available	**Metal Corrosion:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	The product is stable.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid increased storage temperature.
Incompatible Materials:	Keep away from oxidizing agents.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be products.
Possible Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified as dangerous.
Skin:	Non-irritating to skin.
Component	
Isohexadecane:	LD50 Dermal, Test: OCDE 402, Dose: >3000 mg/kg. Acute Toxicity Element: 2500mg/kg.
Eyes:	Non-irritating to eyes.
Inhalation:	
Component	
Isohexadecane:	LC50 Inhalation dusts and mists, Test: OCDE 403, Dose: 1,73 mg/l, Exposure: 4 hours.
Ingestion:	
Component	
Isohexadecane:	LD50 Oral, Test: OCDE 401, Dose: >5000 mg/kg.
GelMaker EMU:	Acute Toxicity Estimate: 2500mg/kg.
Carcinogenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Germ Cell Mutagenicity:	No mutagenic effect. No known significant effects or critical hazards.

Component	
Isohexadecane:	(Bacteria) Test: OCDE 471, Experiment: In vitro, Result: Negative.
GelMaker EMU:	(Bacteria) Test: OCDE 471, Experiment: in Vitro, Result: Negative.
Developmental Effects:	No known significant effects or critical hazards.
Fertility Effects:	No known significant effects or critical hazards.
Specific Target Organ Toxicity:	No data available.
Aspiration Hazard:	
Component	
Isohexadecane:	Result: Category 1 aspiration hazard.
Skin Sensitization:	Non-sensitizer to skin.
Irritation/Corrosion:	
Component	
GelMaker EMU:	Test: OCDE 439, Score: 88,5, Exposure: 15 minutes, Observation: 42 hours, Result: Skin – Mean of viability (%),

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified as dangerous.
Aquatic Vertebrate:	Not classified as dangerous.
Component	
Isohexadecane:	(Scophthalmus Maximus) Test: OCDE 203, Result: Acute LC50 > 1000 mg/l Marine water, Exposure: 96 hours.
GelMaker EMU:	(Fish) Test: Literature, Result: Acute LC50 > 100 mg/l fresh water, Exposure: 96 hours.
Aquatic Invertebrate:	Not classified as dangerous.
Component	
Isohexadecane:	(Acartia tonsa), Test: ISO 14669, Result: Acute LC50> 3000 mg/l marine water, Exposure: 48 hours.
Terrestrial:	No data available.
Aquatic Algae:	Not classified as dangerous.
Component	
Isohexadecane:	(Skeletonema Costatum) Test: ISO 10253, Result: Acute EC50 > 10000 mg/l marine water, Exposure: 72 hours.
Persistence and Degradability:	The copolymer is inherently ultimate biodegradable (OECD 302B (Zahn-Wellens/EVPA test), 74%, 28 days).
Component	
Isohexadecane:	Test: OCDE 306, Result: 74%, 28 days, Inoculum: Marine water.
Bioaccumulative Potential:	
Component	
Isohexadecane:	$LogP_{ow}$: >7, Potential: High.
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 always 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. Untreated waste should not be disposed of to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Incineration or landfill should only be considered when recycling is not feasible. 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 and/or disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material, 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 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):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available
Special Precautions for Transport:	Always transport in closed containers that are upright and secure. Ensure that anyone transporting the product know what to do in the event of accident or spillage.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
Clean Air Act Section 112 (b) Hazardous Air Pollutants:	Listed.
Clean Air Act Section 602 Class I and II Substances:	Not listed.
DEA List I Chemicals (Precursor Chemicals):	Not listed.
DEA List II Chemicals (Essential Chemicals):	Not listed.
SARA 302/304:	No products were found.
SARA 311-312:	Not applicable.
Composition Information:	Isohexadecane: ≥10 - ≤25%, Classification: Acute Inhalation Toxicity: Category 4. Aspiration Hazard: Category 1.
States Right to Know:	None of the components are listed under NY, NJ, or PA right to know.
Califonia Prop. 65:	This product does not require a safe harbor warning.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	01-Aug-2024
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 suitableness & completeness of such information for his own particular use.