

Isoeicosane


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

Revision Date: 11-Sep-2024
Supersedes: 04-Apr-2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Isoeicosane	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Isoeicosane	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	93685-79-1	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	H304: Aspiration Hazard - Category 1.												
GHS Signal Word:	DANGER												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H304: May be fatal if swallowed and enters airways.												
GHS Precautionary Statements:	P103: Read label before use. P102: Keep out of reach of children. P101: If medical advice is needed, have product container or label at hand. (Prevention) Do not ingest. (Response) P301 + P310 + P331 IF SWALLOWED: Immediately call a poison center or physician. Do NOT induce vomiting. (Storage) P405: Store locked up. (Disposal) P501: Dispose of contents and container in accordance with all local, regional, national, and international regulations.												
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: May be fatal if swallowed and enters airways. Do not ingest. If swallowed then seek immediate medical assistance.												
NFPA Ratings (704):	<table><tr><td>Health</td><td>0</td><td>Minimal</td></tr><tr><td>Flammability</td><td>1</td><td>Slight</td></tr><tr><td>Reactivity</td><td>0</td><td>Minimal</td></tr><tr><td>Specific Hazard</td><td>N/A</td><td></td></tr></table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
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HMIS Ratings:	<table><tr><td>Health</td><td>3</td><td>Serious</td></tr><tr><td>Flammability</td><td>0</td><td>Minimal</td></tr><tr><td>Reactivity</td><td>0</td><td>Minimal</td></tr></table>	Health	3	Serious	Flammability	0	Minimal	Reactivity	0	Minimal			
Health	3	Serious											
Flammability	0	Minimal											
Reactivity	0	Minimal											

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Isoeicosane	93685-79-1	100%	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. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Get medical attention if adverse

	health effects persist or are severe. 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.
Skin:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion:	Do Not Induce Vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. 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. Aspiration hazard if swallowed. Can enter lungs and cause damage. 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. May be fatal if swallowed and enters airways. Adverse symptoms include nausea or vomiting.
First-Aid Notes:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water spray, fog, foam, dry chemical, or CO ₂) for surrounding environment and adjacent fire. Do not use direct water jet as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing (SCBA) apparatus 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:	266°F (130°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 include carbon dioxide and carbon monoxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	For non-emergency personnel, no action should 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. For emergency responders. If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials. 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. Alternatively, or 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. 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 material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13) 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 swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when
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Conditions for safe storage, incl. any incompatibilities:

not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Store in accordance with local regulations. Store in original container, protectant from direct sunlight in dry, cool, and well-ventilated areas, 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

Component

Isoeicosane

Exposure Limits

None

Basis

Entity

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 protection shields.

Inhalation: Wear an air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicated this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Body: Wear chemical resistant, nitrile rubber, impervious gloves always complying with an approved standard when handling chemical products. 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 be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions. Personal protective equipment for the body should be selected based on the task performed and should be approved by a specialist before handling this product. If in doubt, full protective clothing is recommended.

Other: 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. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Liquid

Odor:

Odorless

Odor Threshold:

No data available

Color:

Clear, colorless

Molecular Weight:

No data available

pH:

7

Boiling Point/Range:

527 - 635°F (275 - 335°C)

Melting/Freezing Point:

No data available

Relative Density:

No data available

Partition Coefficient: n-octanol/water:

No data available

Kinematic Viscosity at Room Temperature:

17.08 mm²/s (17.08 cSt)

Oxidizing Properties:

No data available

Vapor Pressure at 20°C:

<1 kPa (<7.5 mm Hg)

Vapor Density:

No data available

Evaporation Rate:

No data available

Flammability:

No data available

Upper/lower Explosive Limit:

No data available

Flash Point:

266°F (130°C)

Specific Gravity:

No data available

Water Solubility:

Insoluble in cold water

Auto-Ignition Temperature:

707°F (375°C)

Decomposition Temperature:

No data available

Explosive 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:	Product is stable.
Hazardous Polymerization:	Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to Avoid:	No data available.
Incompatible Materials:	Slightly reactive or incompatible with oxidizing materials.
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:	No known significant effects or critical hazards.
Eyes:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways. Do not ingest. If swallowed, then seek immediate medical assistance. Adverse symptoms may include nausea or vomiting.
Likely Routes of Exposure:	Routes of entry anticipated: Oral, dermal, inhalation.
Carcinogenicity:	No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC) or the European Commission (EC). No known significant effects or critical hazards.
Teratogenicity:	No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic. No known significant effects or critical hazards.
Mutagenicity:	No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the international agency for research on cancer (IARC) or the European commission (EC). No known significant effects or critical hazards.
Embryotoxicity:	No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic. No known significant effects or critical hazards.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No known significant effects or critical hazards.
Aspiration Hazard:	Aspiration Category 1.

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:	No data available.
Mobility in Soil:	This product is not likely to move rapidly with surface or groundwater flows because of its low water solubility.
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 contactor. Waste should be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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:	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):	Not classified as hazardous for transport.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not classified as hazardous for transport.
IATA (International Air Transport Association):	Not classified as hazardous for transport.
ICAO (International Civil Aviation Organization):	No data available.
Special Precautions for User:	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15 REGULATORY INFORMATION

TSCA Inventory Status:	This material is listed or exempted on TSCA 8b.
Clean Air Act Section 112(b):	Not listed under hazardous air pollutants (HAPs).
Clean Air Act Section 602:	Not listed under Class I substances.
Clean Air Act Section 602:	Not listed under Class II substances.
DEA List I Chemicals:	Not listed under precursor chemicals.
DEA List II Chemicals:	Not listed under essential chemicals.
SARA 302/304:	No products were found.
SARA 304 RQ:	Not applicable.
SARA 311/312:	ASPIRATION HAZARD- Category 1.
SARA 313:	Not applicable.
State Regulations:	This material is not listed in MA, NY, NJ, or PA.
International Regulations:	Not listed under Chemical Weapon Convention List Schedules I, II, & III Chemicals, Montreal Protocol (Annexes A, B, C, E), Stockholm Convention on Persistent Organic Pollutants, Rotterdam Convention on Prior Informed Consent (PIC), UNECE Aarhus Protocol on POPs and Heavy Metals.
Canada:	This material is listed or exempted.
Europe:	This material is listed or exempted.
China:	This material is listed or exempted.
Australia:	This material is listed or exempted.
Malaysia:	Not determined.
Japan (ENCS/ISHL):	Not determined.
Philippines:	This material is listed or exempted.
Republic of Korea:	This material is listed or exempted.
Taiwan:	This material is listed or exempted.
Turkey:	Not determined.
New Zealand:	This material is listed or exempted.

16 OTHER INFORMATION

Revision Date:	11-Sep-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 suitability & completeness of such information for his own particular use.