

Isohexadecane

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

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Isohexadecane	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Isohexadecane	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	93685-80-4	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

Classification:	Acute Toxicity - Inhalation: Category 4 Aspiration: Category 1		
Signal Word:	DANGER		
Hazard Pictograms:			
Hazard Statements:	H332: Harmful if inhaled. H304: May be fatal if swallowed and enters airways.		
Precautionary Statements:	P271: Use only in a well-ventilated area. Avoid breathing vapor. P301: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Store locked up. P501: Dispose of contents and container in accordance with all local, regional, national, and international regulations. P401: Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials and food/drink.		
Potential Health Hazards:	Eyes: May cause eye irritation. Inhalation: Harmful if inhaled. May be fatal if swallowed and enters airways. Skin: Causes skin irritation. Seek medical attention immediately. Ingestion: Harmful if swallowed. Call a POISON CENTER and seek medical attention immediately.		
NFPA Ratings (704):	Health	N/A	N/A
	Flammability	N/A	N/A
	Reactivity	N/A	N/A
	Personal Protection	N/A	
	Protection		

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Isohexadecane	93685-80-4	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation:	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.
Skin:	Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Ingestion:	Get immediate medical attention. Do Not Induce Vomiting! Never give anything by mouth to an unconscious

person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (water mist, sprayed water jet, foam, dry powder, CO ₂) for adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus with a full-face piece (SCBA) 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:	203°F (95°C)
Specific hazards arising from the chemical:	In a fire or if heated, a pressure increase will occur and the container may burst. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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 ventilation is inadequate. 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 dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
Methods and material for containment and cleaning up:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes, skin, and clothing. Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands and face before eating, drinking, or smoking. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Store in original container in a cool, dry, well-ventilated area away from direct sunlight, away from incompatible materials (see section 10 for incompatibilities) and food/drink. Keep container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not reuse containers.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Isohexadecane	Not established		

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 glasses should be worn.
Inhalation:	Use an air purifying mask and adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Body: Protective gloves and full protective clothing should be worn.
Other: 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:	Clear colorless liquid	Vapor Pressure:	0.10
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Clear colorless	Flammability:	None
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	>199.4°F (93.0°C) (COC)
Boiling Point:	410°F (210°C)	Specific Gravity:	No data available
Boiling Range:	410-482°F	Water Solubility:	Insoluble
Melting Point:	-94.0°F (-70.0°C)	Auto-Ignition Temperature:	752.00
Relative Density:	No data available	Decomposition Temperature:	No data available
Partition Coefficient: n-octanol/water:	7.00	Explosive Properties:	No data available
Viscosity:	0.05	Oxidizing Properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: No data available.
Conditions to Avoid: Heat, flames, and sparks.
Incompatible Materials: Oxidizing agents.
Hazardous Decomposition Products: None known.
Possible Hazardous Reactions: No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Skin: Not known.
Eyes: Not known.
Inhalation: Harmful if inhaled. Can cause severe respiratory irritation.
Ingestion: May be fatal if swallowed and enters airways. May cause nausea and vomiting.
Carcinogenicity:
 NTP: No.
 IARC: No.
 OSHA: Yes.
 GHS: No.
Teratogenicity: No data available.
Germ Cell Mutagenicity: No data available.
Embryotoxicity: No data available.
Specific Target Organ Toxicity: No data available.
Reproductive Toxicity: No data available.
Respiratory/Skin Sensitization: No data available.
Chronic Toxicity: False.

12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available.
 Aquatic Vertebrate: (Rainbow Trout) Chronic Toxicity: >1,000 mg/l; Exposure time 28 days. No observed effect level.
 Aquatic Invertebrate: (Acartia Tonsa) LC0: >3,000 mg/l; exposure time: 48 hours.
 Aquatic Plants: (Skeletonema Costatum) EC50: >10,000 mg/l; exposure time: 72 hours.
 Microorganisms: (Activated Sludge) EC50: >100 mg/l; exposure time: 3 hours; Method: OECD Test Guideline 209.
Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential:	High potential for bioaccumulation.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	If discarded in its purchased form, this product would not be a hazardous waste by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24). The generation of waste should be avoided or minimized wherever possible. 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:	Empty containers retain product residue; observe all precautions for product. Avoid dispersal of spilled material, runoff, 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):	Proper shipping name: PETROLEUM OIL
TDG (Transportation of Dangerous Goods, Canada):	Proper shipping name: PETROLEUM OIL
IMDG (International Maritime Dangerous Goods):	Proper shipping name: PETROLEUM OIL
IATA (International Air Transport Association):	Proper shipping name: PETROLEUM OIL
ICAO (International Civil Aviation Organization):	Proper shipping name: PETROLEUM OIL

15 REGULATORY INFORMATION

TSCA Inventory Status:	In compliance with TSCA Inventory requirements for commercial purposes.
OSHA Regulated Hazard:	True.
SARA 312 Regulated Chemicals:	Yes.
SARA 313 Regulated Chemicals:	No.
EPA Registration Number:	Non-applicable.
State Right to Know:	None known for NJ and PA.
E C Classification:	Not applicable.
California Prop. 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16 OTHER INFORMATION

Revision Date:	24-Sep-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.