

## Isohexadecane


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

Revision Date: 09-May-2024  
Supersedes: 11-Sep-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Isohexadecane	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Isohexadecane	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	93685-80-4	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Acute Toxicity - Inhalation: Category 4 Aspiration: Category 1												
<b>GHS Signal Word:</b>	<b>DANGER</b>												
<b>GHS Hazard Pictograms:</b>													
<b>GHS Hazard Statements:</b>	Harmful if inhaled. May be fatal if swallowed and enters airways.												
<b>GHS Precautionary Statements:</b>	Use only in a well-ventilated area. Avoid breathing vapor. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with all local, regional, national, and international regulations. Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials and food/drink.												
<b>Potential Health Hazards:</b>	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.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">2</td> <td>Moderate</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Personal Protection</td> <td style="text-align: center;">B</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Personal Protection	B	
Health	2	Moderate											
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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Isohexadecane	93685-80-4	95 - 100%	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
<b>Inhalation:</b>	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.
<b>Skin:</b>	Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
<b>Ingestion:</b>	Get immediate medical attention. Do Not Induce Vomiting! Never give anything by mouth to an unconscious

person.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (sprayed water jet, foam, dry powder, CO <sub>2</sub> ) for adjacent fire. Do not use direct water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing 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.
<b>Flash Points:</b>	>199.4°F (93.0°C)
<b>Specific hazards arising from the chemical:</b>	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

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	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.
<b>Environmental precautions:</b>	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).
<b>Methods and material for containment and cleaning up:</b>	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

<b>Precautions for safe handling:</b>	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.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	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 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:

<b>Eyes:</b>	Safety glasses should be worn.
<b>Inhalation:</b>	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

<b>Appearance:</b>	Clear colorless liquid	<b>Vapor Pressure:</b>	0.1000000
<b>Odor:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Clear colorless	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	>199.4° F (93.0° C)
<b>Boiling Point:</b>	428° F (220° C)	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Water Solubility:</b>	Insoluble
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	752.000000
<b>Partition Coefficient: n-octanol/water:</b>	7.000000	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	0.0520000	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.
<b>Possible Hazardous Reactions:</b>	No data available.

## 11 TOXICOLOGICAL INFORMATION

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

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available.
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	Inherently biodegradable.

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

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Proper shipping name: PETROLEUM OIL
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Proper shipping name: PETROLEUM OIL
<b>IMDG (International Maritime Dangerous Goods):</b>	Proper shipping name: PETROLEUM OIL
<b>IATA (International Air Transport Association):</b>	Proper shipping name: PETROLEUM OIL
<b>ICAO (International Civil Aviation Organization):</b>	Proper shipping name: PETROLEUM OIL

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	In compliance with TSCA Inventory requirements for commercial purposes.
<b>OSHA Regulated Hazard:</b>	Yes.
<b>SARA 312 Regulated Chemicals:</b>	Yes.
<b>SARA 313 Regulated Chemicals:</b>	No.
<b>State Right to Know:</b>	None known for NJ and PA.
<b>E C Classification:</b>	Not applicable.
<b>Canada (DSL):</b>	No data available.
<b>EU (EINECS):</b>	No data available.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	No data available.
<b>Taiwan (TCSI):</b>	No data available.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.
<b>Korea (ECL):</b>	No data available.
<b>New Zealand:</b>	No data available.
<b>California Prop. 65:</b>	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

<b>Revision Date:</b>	09-May-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.