

Isododecane

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

Revision Date: 03-16-2016
Supersedes: 11-07-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Isododecane
Synonyms: Not available
INCI Name: Isododecane
CAS Number: 31807-55-3
Formula: C₁₂H₂₆
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics.com 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: Asp. Tox. 1, Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2

GHS Signal Word: WARNING

GHS Hazard Pictograms:



GHS Hazard Statements:

H315: Causes skin irritation
H319: Causes serious eye irritation
H304: May be fatal if swallowed and enters airways
H226: Flammable liquid and vapor

GHS Precautionary Statements:

P281: Use personal protective equipment as required
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Potential Health Hazards:

Eyes: Mild irritant.
Inhalation: Irritant.
Skin: Not expected to be irritant.
Ingestion: Irritant.

NFPA Ratings (704):

Health	0	Minimal
Flammability	1	Moderate
Reactivity	0	Minimal
Specific Hazard	n/a	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Isododecane	31807-55-3	N/A	170.33

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if irritation occurs.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Wash out mouth with water. Obtain medical attention if irritation develops.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Water, foam, dry chemical or carbon dioxide.
Special protective equipment & precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: 43°C
Specific hazards arising from the chemical: May emit noxious fumes.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent entry into waterways, sewers, basements or confined areas. Biodegradable product.
Methods and material for containment and cleaning up:	Eliminate source of ignition. Shut off sources, if possible to do so safely.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.
Conditions for safe storage, incl. any incompatibilities:	Keep container in a cool, well ventilated area. Avoid possible sources of ignition.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Isododecane	N/A		

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, goggles, or face shield recommended for eye protection.
Inhalation:	Appropriate NIOSH approved respiratory protection may be worn.
Body:	Gloves and protective clothing should be worn to prevent prolonged skin contact.
Other:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Vapor Pressure:	Not available
Odor:	Characteristic	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	Colorless	Flammability:	Not available
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (10% sol. in water)	Not available	Solubility:	Insoluble in water. Soluble with silicones, hydrocarbons, isoparaffin and mineral spirits.
Boiling Point:	Not available		
Melting Point:	Not available		
Flash Point:	43°C		
Specific Gravity:	0.74-0.75 g/sq.cm		

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Keep away from heat, sparks and flame.
Incompatible Materials:	Not available.
Hazardous Decomposition Products:	May emit noxious fumes of CO.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available

Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste 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.

Product Containers: 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 UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: B1, IB3, T2, TP1;



IMDG (International Maritime Dangerous Goods): IMDG Class; UN Number UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: Emergency schedules (EmS), F-E, S-D;



IATA (International Air Transport Association): IATAODGR Class; UN Number UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: Passenger aircraft 355: 60L; Cargo Aircraft 366: 220L



Label

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed as Isododecane
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date:	03-16-2016
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.