

Iron Oxide Red, Liquid

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

Revision Date: 08-19-2015
Supersedes: 07-24-2015

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Iron Oxide Red, Liquid	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	CI 77492 (iron oxides), octyldodecanol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	5333-42-6, 1332-37-2	Web:	www.makingcosmetics.com
Formula:	Fe ₂ O ₃ - FeO Fe ₂ O ₃ -Fe ₂ O ₃ nH ₂ O + castor oil	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: Non-irritant. Inhalation: Not expected to be irritant. Skin: Non-irritant. Ingestion: Not expected to be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">0</td> <td>Minimal</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>Specific Hazard</td> <td style="text-align: center;">n/a</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	0	Minimal											
Flammability	0	Minimal											
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>
Iron oxide	1332-37-2	Data not available	Data not available
Octyldodecanol	5333-42-6	Data not available	Data not available

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water and seek medical attention if discomfort persists.
Inhalation:	Not applicable, avoid breathing liquid or aerosols of materials.
Skin:	Wash with soap and water.
Ingestion:	Seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	Data not available
Specific hazards arising from the chemical:	None known. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Biodegradable product. Non-hazardous but avoid direct releases to the environment.
Methods and material for	Absorb using inert material. Sweep up and place in suitable, closed containers for

containment and cleaning up: disposal. Clean surfaces thoroughly with soap and water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: No special precautions are needed under normal use conditions. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Iron Oxide	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: Not required, but wear chemical safety glasses or goggles.
Inhalation: Not needed under normal conditions of use.
Body: Wear gloves and slip proof shoes may be worn where spills may occur
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Paste	Vapor Pressure:	Not determined
Odor:	Characteristic	Vapor Density:	Not determined
Taste:	Not available	Evaporation Rate:	Not available
Color:	Yellow	Flammability:	Not applicable
Molecular Weight:	Data not available	Upper/lower Explosive Limit:	Not applicable
pH (1% sol. in water)	Data not available	Solubility:	Water-insoluble, oil-dispersible
Boiling Point:	Data not available	Flash Point:	Data not available
Melting Point:	Data not available	Specific Gravity:	Data not available

10 STABILITY AND REACTIVITY

Reactivity: Product is stable
Chemical Stability: Product is stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Gross bacterial contamination
Incompatible Materials: Data not available
Hazardous Decomposition Products: Stable under normal conditions. Burning may produce smoke, CO, CO₂, ammonia and other products of incomplete combustion.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral DL50 >2000 mg/kg
Skin: Non-irritant
Eyes: Non-irritant
Respiratory: No expected to be a health hazard
Ingestion: This material is not likely to cause irritation upon ingestion. It is classified as "relatively harmless" by ingestion and considered to be a low ingestion hazard
Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.
Teratogenicity: Not available
Germ Cell Mutagenicity: Not expected to be a germ cell mutagenicity hazard
Embryotoxicity: Not available

Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not expected to affect reproduction or development
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: No environmental effect if prescriptions of §13 are fulfilled.

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): 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): Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status: Listed as Iron Oxide.
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: 08-19-2015
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.