

## Iron Oxide Red, Liquid

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

Revision Date: 03-Apr-2024  
Supersedes: 06-Jan-2020

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Iron Oxide Red, Liquid	<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>	Iron Oxides (CI:77491), Octyldodecyl Oleate	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	1309-37-1, 22801-45-2	<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

**GHS Classification:** Not classified.  
**GHS Labeling:** Not a dangerous substance according to GHS.  
**GHS Hazard Pictograms:** None.  
**GHS Hazard Statements:** None.  
**GHS Precautionary Statements:** None.  
**Routes of Entry:** Possible eye, inhalation or skin contact.  
**Target Organs:** None known.  
**Potential Health Hazards:** Eyes: May be an irritant.  
 Inhalation: Prolonged inhalation may cause respiratory irritation, including chronic pulmonary fibrosis with repeated exposure.  
 Skin: Not expected to be an irritant.  
 Ingestion: Not expected to be an irritant.

**HMIS III Ratings (H1/F0/PH0):**

Health	1	Slight
Flammability	0	Minimal
Reactivity	0	Slight
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Octyldodecyl Oleate	22801-45-2	53 - 58%	Not Available
Iron Oxide (CI:77491)	1309-37-1	42 - 47%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.  
**Inhalation:** Move to fresh air. Seek medical attention if respiratory irritation or distress occurs.  
**Skin:** Wash affected areas with soap and water. Seek medical attention if irritation occurs.  
**Ingestion:** Incidental ingestion in cosmetic products such as lipstick may be approved by the FDA, the EU, and the Japanese Health Ministry, it is up to the formulating client to determine suitability for any specific application. If large quantities are ingested, Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If victim is conscious and alert, give 2-4 cups of milk or water and seek medical attention.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Not combustible. Use appropriate media for adjacent fire. No unsuitable extinguish media listed.  
**Special protective equipment & precautions for firefighters:** Use air supplied breathing apparatus and full protective clothing, including eye protection and boots.

**Flash Points:** Not applicable Inorganic solids. No flash point possible.  
**Specific hazards arising from the chemical:** None known. See also stability and reactivity section (section 8).

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** 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:** Vacuum or sweep the material into a bag or other sealed container and dispose in accordance with local requirements. Do not try to clean up the leak without the proper protective equipment. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Use with adequate ventilation, avoid eye and inhalation of dust. Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment.  
**Conditions for safe storage, incl. any incompatibilities:** Keep container closed. Store away from 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 group minerals	10 mg/m <sup>3</sup> (fumes/smoke)	PEL	OSHA
	5mg/m <sup>3</sup> (respirable fraction)	TWA	ACGIH
Titanium dioxide	15 mg/m <sup>3</sup> (total dust)	PEL	OSHA
	10 mg/m <sup>3</sup>	TWA	ACGIH
Mica-group minerals	20 millions of particles per cubic foot of air	TWA	OSHA
	3 mg/m <sup>3</sup> (respirable fraction)	TWA	ACGIH

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.  
**Inhalation:** Wear an air purifying mask or dust respirator.  
**Body:** Full body covering clothing is recommended.  
**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>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	No data available	<b>Flammability:</b>	Not combustible
<b>Particle Size:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	< 15 um	<b>Flash Point:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Specific Gravity:</b>	1.2 - 1.4
<b>Melting Point:</b>	Not applicable	<b>Water Solubility:</b>	Insoluble
<b>Bulk Density:</b>	Not applicable	<b>Auto-Ignition Temperature:</b>	NA > 900°C
<b>Partition Coefficient: n-</b>	No data available	<b>Decomposition Temperature:</b>	No data available

octanol/water:

Viscosity:

No data available

**Explosive Limits/Properties:**

No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:** No data available.  
**Chemical Stability:** Stable.  
**Hazardous Polymerization:** None known.  
**Conditions to Avoid:** Use with adequate ventilation, minimize dust.  
**Incompatible Materials:** None known.  
**Hazardous Decomposition Products:** None known.  
**Possible Hazardous Reactions:** No data available.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:** No data available.  
**Skin:** No data available.  
**Eyes:** No data available.  
**Respiratory:** No data available.  
**Ingestion:** No data available.  
**Carcinogenicity:** No data available.  
**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.  
**Corrosivity:** No data available.  
**Sensitization:** No data available.  
**Animal Testing:** This product was not animal tested.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** No environmental hazard is anticipated.  
**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:** No data available.  
**PBT and vPvB Assessment:** No data available.  
**Other Adverse Effects:** No data 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 as a non-hazardous, non-VOC cosmetic raw material.  
**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 as a non-hazardous, non-VOC cosmetic raw material.

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 data available.

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<b>IMDG (International Maritime Dangerous Goods):</b>	Not subject to IMDG code.
<b>IATA (International Air Transport Association):</b>	Not subject to IATA regulations.
<b>ICAO (International Civil Aviation Organization):</b>	No data available.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	On the inventory, or in compliance with the inventory.
<b>SARA 313 Regulated Chemicals:</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>SARA 313 Toxic Chemicals:</b>	None present or none present in regulated quantities.
<b>PA Right to Know:</b>	Possible substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide , Silicon dioxide, amorphous.
<b>Canada (INV):</b>	On the inventory, or in compliance with the inventory.
<b>Canada (DSL):</b>	On the inventory, or in compliance with the inventory.
<b>EU (EINECS):</b>	On the inventory, or in compliance with the inventory.
<b>Australia (AICS):</b>	On the inventory, or in compliance with the inventory.
<b>Japan (ENCS):</b>	On the inventory, or in compliance with the inventory.
<b>Philippines (PICCS):</b>	On the inventory, or in compliance with the inventory.
<b>Korea (KECI):</b>	On the inventory, or in compliance with the inventory.
<b>California Prop. 65:</b>	Not applicable.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	03-Apr-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.