

Iron Oxide Brown, Liquid

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Iron Oxide Brown, Liquid	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Iron Oxide (CI 77491), Iron Oxide (CI77492), Iron Oxide (CI77499), Octyldodecyl Oleate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1309-37-1, 51274-00-1, 12227-89-3, 22801-45-2	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.		
GHS Labeling:	No labelling is required in accordance with GHS directives.		
GHS Hazard Pictograms:	None.		
GHS Hazard Statements:	None.		
GHS Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: Prolonged inhalation may cause irritation, including chronic pulmonary fibrosis with repeated exposure. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	1	Slight
	Flammability	0	Minimal
	Reactivity	0	Minimal
	Specific Hazard	N/A	
HMIS Ratings:	Health	1	Slight
	Flammability	0	Minimal
	Reactivity	0	Minimal
	Personal Protection	B	Goggles and Gloves

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Iron Oxide (CI 77491)	1309-37-1	50-55%	Not Available
Iron Oxide (CI77492)	51274-00-1	50-55%	Not Available
Iron Oxide (CI77499)	12227-89-3	50-55%	Not Available
Octyldodecyl Oleate	22801-45-2	45-50%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately flush eyes with plenty of water or eye wash solution, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Inhalation:	Short-term harmful health effects are not expected from vapor generated at ambient temperatures. If first aid is required, move person to fresh air. Call a physician if symptoms develop or persist.
Skin:	Wash off with soap and water. Get medical attention if irritation develops and persists. Take off all contaminated clothing and wash before reuse.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water and drink plenty of water. May cause abdominal discomfort, nausea, vomiting and diarrhea. Do not induce vomiting.

General Notes: Seek medical attention.
 In the case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).
 Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use appropriate media (water spray, foam, dry chemical powder, carbon dioxide (CO₂) for adjacent fire. Do not use a heavy water stream.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Move containers from fire area if you can do so without risk. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire and consider the hazards of any involved materials. Prevent fire-fighting water from entering environment

Specific hazards arising from the chemical: In the event of a fire, toxic gases may be released, depending on the temperature and air circulation (carbon monoxide and nitrogen oxides). See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: No action shall be taken involving any personal risk or without suitable training. 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. 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/soil/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: For small spills, stop leak without risk. Move container from spill area. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For large spills, stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements, or confined areas. Following product recovery, flush area with water. Never return spills to original containers for re-use. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Do not breath the mist or vapor. Do not get this material in contact with eyes or skin. Avoid prolonged exposure. Do not get this material on clothing. Provide adequate ventilation. Use good personal hygiene practice. Avoid release to the environment. Do not empty into drains. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Store in original tightly closed container. Keep container in a cool, well-ventilated place between 59-77°F (15-25°C). 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 Brown, Liquid	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: Wear safety glasses with side shields (or goggles).

Inhalation: In case of insufficient ventilation, wear suitable respiratory equipment.

Body: For prolonged or repeated skin contact use suitable protective gloves and full protective clothing.

Other: Use good general ventilation (typically 10 air changes per hour). Ventilation rates should be based on conditions. If

applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Emissions from ventilation/work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. 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:	Liquid	Vapor Pressure:	Not determined
Odor:	Odorless	Vapor Density:	Not determined
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Brown	Flammability:	Not Combustible
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	Not applicable
Boiling Point:	No data available	Specific Gravity:	Not determined
Melting/Freezing Point:	No data available	Water Solubility:	Insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	> 900°C
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No specific hazard known under normal conditions of use, storage, and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid extremely high temperatures.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known under normal conditions of use and storage.
Possible Hazardous Reactions:	No dangerous reactions known under conditions of normal use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No known toxicological effects.
Skin:	No known toxicological effects. No significant irritation expected from a single short-term exposure.
Component Octyldodecyl Oleate:	(Rabbit) Dermal LD50: > 2,000 mg/kg.
Eyes:	No known toxicological effects. May cause minor transient eye irritation.
Inhalation:	No known toxicological effects. No symptoms/injuries under normal conditions of use.
Component Octyldodecyl Oleate:	(Rat) LC50: > 4.7 mg/L air.
Ingestion:	No known toxicological effects. Not expected to be toxic by ingestion.
Component Octyldodecyl Oleate:	(Rat) Oral LD50: > 2,000 mg/kg.
Adverse Health Effects:	Based on available data, the classification criteria are not met.
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Specific Target Organ Toxicity:	No known significant effects or critical hazards.
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Skin Sensitization:	No known toxicological effects.
Chronic Symptoms:	No known toxicological effects.
Aspiration Hazard:	No known significant effects or critical hazards.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No known negative ecological effects.
Aquatic Vertebrate:	Octyldodecyl Oleate; LC50: >100 mg/l; 96 hours; OECD 203.
Aquatic Invertebrate:	Octyldodecyl Oleate; EL50: >100 mg/l; 48 hours; OECD 202.
Terrestrial:	Octyldodecyl Oleate; EC50: >100 mg/l; 72 hours; OECD 201.
Persistence and Degradability:	Readily Biodegradable: (69.9%/28 days) OECD 301B/C, 310.
Bioaccumulative Potential:	Bioaccumulation is not expected. Calculated log ₁₀ P/KOW = 1.560.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	This material and its container must be disposed of in a safe manner. 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:	This material and its container must be disposed of in a safe manner. 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. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	No data available.
IATA (International Air Transport Association):	No data available.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	On the inventory, or in compliance with the inventory.
OSHA:	This product is NOT a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
SARA 304:	This material does not contain any components with a section 304 EHS RQ.
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313:	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.
SARA 311/312:	No hazardous chemicals listed.
PA Right to Know:	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.
Section 313 Toxic Chemicals:	None present or none present in regulated quantities.
Canada (DSL):	On the inventory, or in compliance with the inventory.
EU (EINECS):	On the inventory, or in compliance with the inventory.
China (IECSC):	Not listed.
Australia (AICS):	On the inventory, or in compliance with the inventory.
Japan (ENCS):	On the inventory, or in compliance with the inventory.
Philippines (PICCS):	Not listed.
Korea (ECL):	Not listed.
Taiwan (KCSI):	On the inventory, or in compliance with the inventory.
New Zealand (NZIoC):	On the inventory, or in compliance with the inventory.
California Prop 65:	This product does not contain any substances known to the state of California to cause cancer

and/or reproductive harm.

16 OTHER INFORMATION

Revision Date: 12-Jun-2024

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.