

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 |
| Product Form: | Liquid | | (Chemtrec) |
| 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>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>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

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| 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

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| 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

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| 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 containment and cleaning up: | Absorb using inert material. Sweep up and place in suitable, closed containers for 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

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| 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:

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| 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

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|----------------------------|-------------------|
| Reactivity: | Product is stable |
| Chemical Stability: | Product is stable |

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| 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, CO ₂ , ammonia and other products of incomplete combustion. |

11 TOXICOLOGICAL INFORMATION

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| 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

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| 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

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|---|---------------|
| 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.