

MATERIAL SAFETY DATA SHEET

Modern, Natural, Versatile.
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Issue Date ; 01 Nov 2015
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CHEMTREC – 24hr Emergency Telephone
1-800-424-9300

SECTION I – PRODUCT COMPANY IDENTIFICATION

PRODUCT CODE & DESCRIPTION: RED IRON OXIDE
UTILIZATION: Cosmetic ingredient
MANUFACTURER:

SECTION II – COMPOSITION / INFORMATION ON THE INGREDIENTS

Nan-Hazardous:

Description	CAS No.	EINECS No.	%
Red Iron Oxide	1309-37-1	215-168-2	100

SECTION III - HAZARD IDENTIFICATION

Reactivity 1

- Dust may be irritating to skin. No adverse effects expected.
- Dust may be irritating to eyes, will not lead to permanent damage to eye tissue.
- Dust may be hazardous if inhaled. See section 8.
- Health injuries; Hazardous in case of ingestion.

SECTION IV – FIRST AID MEASURES

Eyes : Flush eyes thoroughly with water for 15-min. If discomfort persists, obtain medical assistance.
Skin : Wash affected area with soap and water
Ingestion : Non-hazardous If a large amount is ingested or discomfort persists, obtain medical assistance.
Inhalation : Remove to fresh air. If discomfort persists, obtain medical assistance.

SECTION V FIRE FIGHTING MEASURES

Flash Point : N/A
Flammable Limits : N/A
Extinguishing Media : Water Fog: [x] Alcohol Foam: [x] CO2: [x] Dry Chemical: [x]
Unusual Fire & Explosion Hazards : None known to manufacturer.
Fire Fighting Equipment : No special equipment required.

SECTION VI - ACCIDENTAL RELEASE MEASURES:

Personal Protection : Wear protective clothing.
Action to take for Spills/Leaks : Sweep up and collect in appropriate containers ready for disposal.
Environmental Protection : Do not allow product to reach sewage system or any water course.
: Inform authorities in case of seepage into water course or sewage system.

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SECTION VII - HANDLING and STORAGE

- Information for Safe Handling : Store in cool, dry place in tightly closed receptacles.
: Ensure good ventilation in the work place.
: Open and handle receptacles with care.
: Avoid generating dust.
: Wear suitable respiratory protective device when decanting large quantities.
: Wash thoroughly after handling.
- Fire and Explosion Protection : Avoid electrostatic discharges.
- Storage : 10 years if above recommendations are followed.
: Store only in unopened original receptacles.
: Store in a well ventilated area.
: Protect from water and excessive humidity.

SECTION VIII - EXPOSURE CONTROL and PERSONAL PROTECTION

- Ventilation : This product can generate dust. Ventilation/dust collection helpful but not necessary.
- Respiratory Protection : Respiratory protection not required, but a dust mask is suggested
- Skin Protection : Normal protective clothing and gloves
- Eye Protection : Wear safety glasses or goggles for compliance with GMP.

SECTION IX - PHYSICAL and CHEMICAL PROPERTIES

- | | | | |
|---------------------|------|----------------------|-----------------------------|
| Boiling Point | N/A | Specific Gravity | : N/A |
| Vapor Pressure | N/A | % Volatile by Volume | : N/A |
| Vapor Density | N/A | Appearance | : Red/Orange colored powder |
| Solubility in Water | : No | Odor | : Characteristic |

SECTION X - STABILITY and REACTIVITY DATA

- Stability (Conditions to Avoid) : Under normal storage and handling conditions, this is a stable material when kept in a closed container.
- Incompatibility (Materials to Avoid) : Strong acids.
- Hazardous Decomposition Products : None.
- Hazardous Polymerization : Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

- Eye Contact : May cause temporary discomfort. Non-hazardous
- Skin Contact : Non-hazardous.
- Ingestion : Non-hazardous. Obtain medical assistance if symptoms persist.
- Inhalation : Nuisance dust. May cause physical discomfort to the respiratory tract.
- Overexposure : May cause sensitization by inhalation.
Obtain medical assistance.

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SECTION XII - ECOLOGICAL INFORMATION

Insoluble in Water May be removed by filtration or sedimentation.
At present, there are no ecotoxicological assessments.

SECTION XIII - DISPOSAL CONSIDERATION

Recommendation : Not regulated. Material is non-hazardous.
: Do not dispose of with domestic garbage.
: Do not allow product to reach sewage system.
: Dispose of in accordance with Federal, State and local regulations.

Packaging : Packaging may be reused or recycled after cleaning.

SECTION XIV - TRANSPORTATION INFORMATION

Land Transport (DOT; ADR/RIO (cross border)) - Not Hazardous
Maritime Transport (IMDG) - Not Hazardous
Air Transport (ICAO/IATA) - Not Hazardous

SECTION XV - REGULATORY INFORMATION

- International Inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	niCS
Iron Oxide (Red)	X	X		X		X	X	X	X	X

- Labeling per EU guidelines : Not subject to identification regulations under EU Directives and the Ordinance On Hazardous Materials (German GefStoffV)

- EU Safety Phrases : S-29 (do not empty into drains)

SECTION XVI - ADDITIONAL INFORMATION

The information herein is given in good faith, but no warranty, expressed or implied, is made

Written by : Technical Services Department

PRODUCT SPECIFICATIONS

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PRODUCT:

RED IRON OXIDE

CTFA NAME:

IRON OXIDES

CHEMICAL IDENTITY:

Synthetic Red Iron Oxide, Fe₂O₃
CI Pigment Red 101, CI 77491
CAS 1309-37-1

SPECIFICATIONS:

COLOR

to match standard

ODOR

odorless

APPEARANCE

dark brick colored powder, free of foreign matter.

FDA SPECIFICATIONS:

(CFR Title 21, Part 1-99
§ 73.1200 & § 73.2250

Lead (Pb)	not more than 10 ppm
Arsenic (As)	not more than 3 ppm
Mercury (Hg)	not more than 3 ppm

USES & RESTRICTIONS:

(CFR Title 21, Part 1-99)
§ 73.1200 & § 73.2250

This color additive may be safely used to color ingested drugs in amounts not to exceed 5 milligrams per day, consumed in accordance with the label or prescription, calculated as elemental iron.

May be safely used for coloring topically applied drugs in amounts consistent with good manufacturing practice.

May be safely used for coloring cosmetics generally, including cosmetics applied to the area of the eye, in amounts consistent with good manufacturing practice.

RECOMMENDATIONS:

Liquid foundations, pressed powders, eye make-up blushes, lipsticks, nail lacquer and soaps

REVISION DATE:

01 Sep. 2019

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Certificate of Analysis

Date: 10/12/19
Time: 14:22:36

Name MONAVE MINERAL COSMETICS
Address 4401 Eastern Ave 45-2A
Baltimore MD 21224
USA

Customer PO# MMC082119SEN
Customer Order **17926579**
Item C7054102 RED IRON OXIDE

Customer Item C7054* RED IRON OXIDE
Lot/SN 5415050
Manufacture Dale 03/03/19 Manufactured Maryland
Lot Expiration Date **03/01/19**

Water soluble matter Not more than 1.0% by total dissolution
Arsenic Not more than 3mg/kg by total dissolution
Cadmium Not more than 1 mg/kg by total dissolution
Chromium Not more than 100 mg/kg by total dissolution
Copper Not more than 50 mg/kg by total dissolution
Lead Not more than 10 mg/kg by total dissolution
Mercury Not more than 1 mg/kg by total dissolution
Nickel Not more than 200 mg/kg by total dissolution
Zinc Not more than 100 mg/kg by total dissolution
This product complies with all FDA requirements for color additives as listed in 21 CFR parts 73.200, 73.1200 and 73.2250; the requirements for E172 found in EC Directive 231/2012/EC.

No Presence of Organic Color