

MATERIAL SAFETY DATA SHEET

Modern, Natural, Versatile.

4401 Eastern Avenue Building 45-2A
Baltimore, MD, 21224
info@monave.com
(410) 534-1058



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Issue Date : 03 Mar 2019

24hr Emergency Telephone
1-800-424-9300

SECTION 1 – PRODUCT / COMPANY

IDENTIFICATION PRODUCT CODE & DESCRIPTION: YELLOW IRON OXIDE BC

UTILIZATION: Cosmetic Ingredient

MANUFACTURER: Monave Mineral Cosmetics
4401 Eastern Ave 45-2A
Balltimore, MD 21224, USA
410-534-1058

SECTION II – COMPOSITION / INFORMATION ON THE INGREDIENTS

Non-Hazardous:

Description	CAS No.	EINECS No	%
Yellow Iron Oxide	51274-00-1	257-096-5	100

SECTION III - HAZARD IDENTIFICATION

- 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 irritating to lungs and cause sneezing. See section 8.
- Health injuries; None known or expected due to ingestion under normal use.

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: Alcohol Foam: CG2: Dry Chemical:
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.
Actions 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 dosed 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 discharge.
Storage	10-year shelf life 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	: Provide sufficient ventilation to maintain concentrations below TIV.
Respiratory Protection	: Use a face mask approved for mineral dusts by NIOSH.
Skin Protection	: Normal protective clothing and gloves.
Eye Protection	: Wear safety glasses or goggles.

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	: Yellow powder
Solubility in Water	No	Odor	: Characteristic

SECTION X - STABILITY and REACTIVITY DATA

Stability	: 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. MEY 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 ecological 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/RID (cross border)) - Not hazardous.

Maritime Transport (IMDG) - Not hazardous

Air Transport (ICAO/IATA) - Not hazardous.

SECTION XV - REGULATORY INFORMATION

- International Inventories:

<i>Chemical Name</i> Iron Oxide (Yellow)	<i>TSCA</i>	<i>DSL</i>	<i>NDSL</i>	<i>ELINECS</i>	<i>ELIUVCS</i>	<i>ENCS</i>	<i>CHINA</i>	<i>KECL</i>	<i>PICCS</i>	<i>AtCS</i>
	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: YELLOW IRON OXIDE

CTFA NAME: IRON OXIDE

CHEMICAL IDENTITY: Synthetic Yellow Iron Oxide, Fe₃O₄
CI Pigment Yellow 42, CI 77492
CAS # 51274-00-1

SPECIFICATIONS:

COLOR to match standard
ODOR odorless
APPEARANCE yellow powder, free of foreign matter

FDA SPECIFICATIONS:

{CFR Title 21, 1-99}
§ 73.1200 and § 73.2250

Lead {as Pb} - not more than 10 ppm
Arsenic {as As} - not more than 3 ppm
Mercury {as Hg} - not more than 3 ppm

USES & RESTRICTIONS:

(CFR Title 21, 1-99)
§ 73.1200 and § 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, nail lacquer, lipsticks, soaps, tablets and blushes.

REVISION DATE:

03 MAR. 2019

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Certificate of Analysis

Date: 03/15/19
Time: 11:37:64

Name MONAVE MINERAL COSMETICS
Address ~~4401~~ Eastern Ave # 45-2A
Baltimore MD 21224
Baltimore
MO
21224
US

Customer PO# **MMC110118YEL**
Customer Order **17933406**
Item C70551005 YELLOW IRON OXIDE

Customer Item
Lot/SN 6427413
Manufacture Date 12/16/18 Manufactured Maryland
Let Expiration Date 12/14/28

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 260 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.

Manufacturer:
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