



Safety Data Sheet

Iron Oxide Black Pigment Dye Fe₃O₄

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Revision Date: April 13, 2023

SECTION 1. IDENTIFICATION

Product Name:	Iron Oxide Black Pigment Dye Fe ₃ O ₄
INCI Name:	<i>Iron Oxide</i>
CAS#:	1317-61-9
Recommended Use	Topical Cosmetic Use
Supplier:	Bulk Naturals Wholesale LLC. 212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs):	1-573-465-0612
Emergency Telephone # :	1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Not classified as hazardous or dangerous under (EC) No 1272/2008, 67/548/EEC or 1999/45-EC.

GHS Label elements:



Signal:	Danger.
Hazard statement(s):	
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
Precautionary statements:	
P261	Avoid breathing dust/fumes/gas/mist/vapors/spray.
P264	Wash contaminated skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	Remove the person to fresh air and keep comfortable for breathing.
P305+P351+P338	Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/ doctor.
P312	Call a POISON CENTRE/doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/ attention.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent

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P362+P364	Store in a well-ventilated place. Keep the container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container in accordance with national regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Iron Oxide (Black Pigment Dye Fe ₃ O ₄)	1317-61-9	215-277-5	100.0%

SECTION 4. FIRST AID MEASURES

Eye:	Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact:	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion:	Consult a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media:	Do not use a water jet as an extinguisher, as this will spread the fire.
Precautions for fire-fighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Special hazards arising from the substance:	Hazardous decomposition products may be formed at extreme heat or if burned.
Resulting gases:	Carbon oxides.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Equip a clean crew with proper protection. Respiratory protection equipment may be necessary.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up:	Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

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SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep the container tightly closed, in a cool, well-ventilated place. Keep containers upright. Protect containers from damage.

Recommended Storage Conditions:

Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:

Use tightly sealed goggles.

Skin:

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory:

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion:

Not for ingestion.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Black-colored dusty powder.

Odor:

Odorless.

Relative Density:

Not available.

Flashpoint:

Not available.

Solubility:

Insoluble in water.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:

Chemically stable.

Possibility of hazardous reactions:

Hazardous polymerization will not occur.

Conditions to avoid:

Avoid extreme heat. peroxides, hydrogen peroxide

Incompatible materials:

Strong oxidizing agents. Magnesium. Chlorinated rubber.

Hazardous decomposition products:

No risk of decomposition.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:

Inhalation of high concentrations of vapor may result in irritation of the eyes, nose, and throat, headache, nausea, and dizziness.

Skin contact:

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact:

Possible irritation should be prevented by wearing safety glasses.

Ingestion:

Low-order toxicity causes irritation of the stomach and intestines which results in nausea and vomiting.

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not expected to be hazardous to the environment.

Persistence and degradability:

The product is not readily biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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