

Natural Red Iron Oxide

Page: 1/4

Revision Date: April 13, 2023

## SECTION 1. IDENTIFICATION

**Product Name:** Natural Red Iron Oxide  
**INCI Name:** *Diiron trioxide, limestone, & quartz (SiO<sub>2</sub>)*  
**CAS#:** 1309-37-1, 1317-65-3, & 14808-60-7  
**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:** Carcinogenicity (Inhalation) - Category 1A  
Specific target organ toxicity - Category 2

**GHS Label elements:**



**Signal:** Danger.

**Hazard statement(s):**  
H320 Causes eye irritation.  
H335 May cause respiratory irritation.

**Precautionary statements:**  
P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P304+P340 IF INHALED: Remove the person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P312 Call a POISON CENTER/ doctor/if you feel unwell.  
P337+P313 If eye irritation persists get medical advice/attention.  
P403+P233 Store in a well-ventilated place. Keep the container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents/containers according to local regulations.

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

Natural Red Iron Oxide

Page: 2/4

Revision Date: April 13, 2023

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
diiron trioxide	1309-37-1	215-168-2	70.0% - 90.0%
limestone	1317-65-3	215-279-6	1.0% - 5.0%
quartz (SiO <sub>2</sub> )	14808-60-7	238-878-4	1.0% - 5.0%

## SECTION 4. FIRST AID MEASURES

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

## SECTION 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Water spray, dry powder, chemical foam, carbon dioxide.
<b>Unsuitable extinguishing media:</b>	Water spray, water jet.
<b>Precautions for fire-fighters:</b>	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
<b>Resulting gases:</b>	Cool closed containers exposed to fire with water spray.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Equip a clean crew with proper protection. Respiratory protection equipment may be necessary.
<b>Environmental precautions:</b>	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
<b>Methods for cleaning up:</b>	To prevent the formation of dust, avoid dry sweeping, and use a vacuum or cleaning system with water spray.

## SECTION 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Avoid generating and spreading dust. Avoid inhalation of dust. Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.
<b>Recommended Storage Conditions:</b>	

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Natural Red Iron Oxide

Page: 3/4

Revision Date: April 13, 2023

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## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Eyes:</b>	Use tightly sealed goggles.
<b>Skin:</b>	If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
<b>Respiratory:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Ingestion:</b>	Not for ingestion.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brownish red to dark reddish colored powder.
<b>Odor:</b>	Odorless.
<b>Relative Density:</b>	Not available.
<b>Flashpoint:</b>	Not available.
<b>Solubility:</b>	Insoluble in water.

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## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Chemically stable.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Avoid extreme heat. peroxides, hydrogen peroxide
<b>Incompatible materials:</b>	Strong oxidizing agents. Magnesium. Chlorinated rubber.
<b>Hazardous decomposition products:</b>	No risk of decomposition.

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## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Inhalation of high concentrations of vapor may result in irritation of the eyes, nose, and throat, headache, nausea, and dizziness.
<b>Skin contact:</b>	Adverse skin effects should be prevented by normal care and personal hygiene.
<b>Eye contact:</b>	Possible irritation should be prevented by wearing safety glasses.
<b>Ingestion:</b>	Low-order toxicity causes irritation of the stomach and intestines which results in nausea and vomiting.

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## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Avoid any pollution of ground, surface, or underground water.
<b>Persistence and degradability:</b>	No additional data is available.

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**Natural Red Iron Oxide**

Page: 4/4

Revision Date: April 13, 2023

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## **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.

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## **SECTION 14. TRANSPORT INFORMATION**

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

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## **SECTION 15. REGULATORY INFORMATION**

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

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## **SECTION 16. OTHER INFORMATION**

**Revision date:**

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