

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY - DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: RED IRON OXIDE
INCI Name: C. I 77491 Red Pigment
CAS No: 1345-25-1; 1345-27-3; 1309-37-1; 1317-61-9; 52357-70-7
EINECS No: -; 215-722-3; 215-168-2; -; 257-870-1
TSCA CAS No:
FEMA:
Ph. Eur. Name: Iron oxide
Chemical Name:
Origin: European Union

Relevant identified uses of the substance or mixture and uses advised against

Identified use (s): Cosmetic colorant, pigment.

Details of the supplier of the safety data sheet

Company Name: SOAPMAKERS STORE
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 334108
Fax: ☎ + 44 (0) 1908 211376
Email : ✉ sales@soapmakers-store.com
Emergency Tel. No.: ☎ + 44 (0) 1908 334108

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Not classified as hazardous under any GHS hazard class.

Skin may discolor due to contact with pigment.

Not classified as hazardous according to criteria of EC Regulation No. 1272/2008

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: C.I 77491 - RED PIGMENT (Red Iron Oxide E172)

IRON OXIDE PIGMENT (CI 77491)		PERCENTAGE (%)	95 - 100
EINECS No:	215-168-2	CAS No:	1309-37-1

4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. May cause irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Wear precautionary safety gloves and glasses & FFPI Dust mask. (Consult sections 7 & 8 for additional information)
- Environmental Safety Precautions:** Eliminate all sources of ignition.
Prevent any material entering drains or waterways

Contain spill. Wear proper personal protective clothing and equipment. Sweep up carefully and place into container for disposal. Avoid causing dust. Place into labelled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

7. HANDLING AND STORAGE

- Handling Precautions:** Use in a well ventilated area. Prevent creation of dust cloud, use protective dust mask. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure. Use protective clothing when necessary.
- Storage Precautions:** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment.
Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red Powder
Odour:	Neutral odour
pH (5% aqueous):	3.0 - 7.0
Density:	4.8 - 5.2 g cm ⁻³
Solubility:	Insoluble in water and oil
Properties:	Lightfastness - Excellent

10. STABILITY AND REACTIVITY

Thermal stability: Store material away from direct sunlight in a cool environment. Product is stable at room temperature. Keep away from any source of ignition. Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

Hazardous reactions: A small amount (less than 0.1% of reversion to hexavalent chromium may occur if this product is exposed to elevated temperatures.

11. TOXICOLOGICAL INFORMATION

Oral LD₅₀: >1000 mg/kg (rat);

Dermal LD₅₀: N/A **This product is NOT intended for oral use.**

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

12. ECOLOGICAL INFORMATION

Ecological effects: LC 50, 96 Hrs, FISH mg/l >1000 (48 h) *Idus Idus dorata*
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS

15. REGULATORY INFORMATION

Product Classification: RED IRON OXDIE

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON HAZARDOUS

Hazard Categories:

Safety Precautions: Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION**Legal disclaimer:**

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Soapmakers Store is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.