

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: ZINC OXIDE
INCI Name: ZINC OXIDE (CI 77947)
CAS No: 1314-13-2
EINECS No: 215-222-5
REACH No: 01-2119463881-32-XXXX
FEMA:
Ph. Eur. Name: Zinc oxidum
Chemical Name: Zinc oxide (CI 77947)
Origin: European Union

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

Identified use (s): Bulking, Skin Protecting, UV Absorbing raw material for manufacturing purposes.

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)
EU DSD Classification according to Directive 67/548/EEC (Hazardous substances) and its adaptations.

Symbols:



Signal word: WARNING

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Environmental Acute	EHA	1	H400	Very toxic to aquatic life
Environmental Chronic	EHC	1	H410	Very toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: ZINC OXIDE

It is uncoated and is an inert ingredient, often used to thicken lotions and creams with UVA and UVB properties.

EINECS No: 215-222-5
FEMA: -

CAS No: 1314-13-2
FDA: -

TSCA CAS No: -
HC (%): -

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

Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

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:	Fine white powder
Odour:	Neutral odour
pH:	pH (concentrated solution): 7 - 8 @ 20°C/100 g/l H ₂ O
Bulk Density:	300 - 2000 kg/m ³
Solubility:	Insoluble in water and oil
Relative Density:	5.68 g/cm ³ @ 20°C

10. STABILITY AND REACTIVITY

Thermal stability: 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: Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

Oral LD₅₀: >5000 mg/Kg (rat)

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

Inhalation LC₅₀: >5.7 mg/L (rat)

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: Very toxic to aquatic life with long lasting effects. Do not discharge into drains or watercourses or onto the ground. 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. The product contains only inorganic substances which are not biodegradable.

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.): UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc Oxide)
ADR/RID (Road/Rail): Class 9
IMDG/IMO (Sea): Class 9
ICAO/IATA (Air): Class 9
UN Number: 3077
Packing Group: III
Subsidiary Risk:
Packing Instructions: Miscellaneous dangerous substances and articles, transport in suitable container.

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

UN Shipping Name: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc Oxide) 9, III, (E)

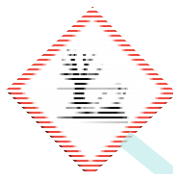


15. REGULATORY INFORMATION

Product Classification: ZINC OXIDE

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

Classification:



WARNING

Hazard Categories:

EH A1, C1 Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects.

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.