

CTM POTTERS SUPPLIES

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information:

Product Name : Zinc Oxide

Synonyms : None

Company : CTM Potters Supplies
Unit 10A, Millpark Industrial Estate
White Cross Road
Woodbury Salterton
Nr. Exeter
EX5 1EL

Telephone : 01395-233-077

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2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Formula | CAS Number | EC Number | % of Composition |
|-------------|---------|------------|-----------|------------------|
| Zinc Oxide | ZnO | 1314-14-2 | -- | 95-100% |

3. HAZARD IDENTIFICATION

Inhalation: Excessive exposure may cause symptoms of chronic lung disease.

Ingestion: The product is of low solubility in body fluids and it is likely to be of low toxicity.

Eyes: May cause physical irritation and inflammation.

Skin: The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. FIRST AID MEASURES

General Recommendations:

Inhalation: Remove patient to fresh air, loosen tight clothing and seek medical attention.

Eyes: Wash immediately with copious amounts of water, rinse for at least 15 minutes.

Skin: Wash affected areas with soap and water.

Ingestion: Do not induce vomiting, rinse mouth thoroughly, drink plenty of water and seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Suitable for surrounding fire conditions.

Special Exposure Hazard: None

Personal Protective Equipment: None other than required for surrounding fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Leaks & Spills: Use suitable vacuum equipment where reasonably practicable, otherwise damp down and scoop into a receptacle.

Person protective equipment: Respiratory protective equipment.

7. HANDLING AND STORAGE

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| Handling: | Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. |
| Storage: | No special storage precautions required. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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|---------------------------------------|---|
| Engineering controls: | Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended. |
| Personal protective equipment: | Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|------------------------|
| Appearance: | |
| Form: | fine powder |
| Colour: | white |
| Odour: | odourless |
| Flash point (°C): | Not applicable |
| Specific gravity: | 5.6/cm ³ |
| Explosive properties: | Not-explosive |
| Oxidising properties: | None |
| pH value: | 7 (insoluble in water) |
| Flammability: | Not applicable |
| Melting point (°C): | -- |

10. STABILITY AND REACTIVITY

| | |
|---|--------------------------------|
| Chemical stability: | The material is stable. |
| Conditions/materials to avoid: | Reacts with acids and alkalis. |
| Hazardous decomposition products: | None. |
| Hazardous polymerisation products: | None. |

11. TOXICOLOGICAL INFORMATION

| | | |
|--------------------------|---|----------------------|
| Acute toxicology: | LD50 Oral | <5000 – 20,000 mg/kg |
| | LD50 Dermal | not known |
| | LD50 Inhalation | not known |
| Health effects: | Prolonged or repeated exposure above Occupational Exposure Standards may cause fibrosis of the lungs. | |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity: | Not known. |
| Persistence: | The material is stable and will persist in the environment. |

13. DISPOSAL CONSIDERATIONS

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| Disposal: | Dispose in accordance with current waste disposal regulations (for UK – Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method. |
|------------------|--|

14. TRANSPORT INFORMATION

| | | |
|---------------|------|----------------|
| UN/SI No. | | Not restricted |
| UN Class | | Not restricted |
| Packing group | | Not restricted |
| Road | UK | Not restricted |
| | ADR | Not restricted |
| Sea | IMO | Not restricted |
| Air | | Not restricted |
| | ICAO | |

15. REGULATORY INFORMATION

| | | | |
|-----------------------------------|--|----------|--------------|
| EC Supply Labelling: | Dangerous for the environment. | | |
| R-Phrases: | None | | |
| S-Phrases: | Optional for dusty powders. S20/21 when using do not eat, drink or smoke. S38 in case of insufficient ventilation wear suitable respiratory equipment. | | |
| UK Occupational exposures limits* | Mg/m ³ | 8 hr TWA | % in product |
| Dusts – | | | |
| Total inhalable | 10 | | -- |
| Total respirable | 5 | | -- |

* Refer to HSE Guidance note EH40.

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. OTHER INFORMATION**References:**

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|----------------|---|
| COSHH ACOP | HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994. |
| CHIP 96 | Chemicals (Hazard Information and Packaging for Supply) Regulations 1996. |
| CHIP SDS ACOPS | HSC Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations. |
| HSE EH40 | HSE guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations. |

Further information:

Data sheet producing department: CTM Potters Supplies
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Disclaimer:

The information contained in this safety data sheet has been prepared using the best available information, however in view of technical developments, this may alter. The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.