



## SAFETY DATA SHEET

Page 1 of 3

### ZINC CARBONATE

Revision 0  
Revision date 15-Jun-2010

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

**Product name** ZINC CARBONATE  
**Company** Norkem Limited  
Norkem House  
Bexton Lane  
Knutsford  
Cheshire WA16 9FB  
datasheet@norkem.com  
www.norkem.com  
**Telephone** 00 44 (0)1565 755550  
**Fax** 00 44 (0)1565 755496  
**Emergency telephone number** 01270 502891 UK Transport only  
**Product code** Z03

#### 2 HAZARDS IDENTIFICATION.

**Main hazards** No Significant Hazard

#### 3 . COMPOSITION / INFORMATION ON INGREDIENTS.

##### Hazardous ingredients

|                | Conc.     | CAS       | EINECS    | Symbols/Risk phrases |
|----------------|-----------|-----------|-----------|----------------------|
| ZINC CARBONATE | 90 - 100% | 3486-35-9 | 222-477-6 |                      |

#### 4. FIRST AID MEASURES

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Skin contact** May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Ingestion** May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

**Inhalation** May cause irritation to mucous membranes. Move the exposed person to fresh air.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use extinguishing media appropriate to the surrounding fire conditions.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear suitable respiratory equipment when necessary.

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# ZINC CARBONATE

Revision 0  
Revision date 15-Jun-2010

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Ensure adequate ventilation of the working area.   |
| <b>Environmental precautions</b> | Do not allow product to enter drains. Prevent further spillage if safe.  |
| <b>Clean up methods</b>          | Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |

## 7. HANDLING AND STORAGE

|                 |  |
|-----------------|--|
| <b>Handling</b> | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
| <b>Storage</b>  | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                       |  |
|---------------------------------------|--|
| <b>Engineering measures</b>           | Ensure adequate ventilation of the working area.   |
| <b>Occupational exposure controls</b> | COSHH - Due consideration should be given to your control systems and the need for assessment.   |
| <b>Protective equipment</b>           | Wear protective clothing. Protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective equipment to chemicals should be ascertained with the respective supplier. |
| <b>Hand protection</b>                | Chemical resistant gloves (PVC)  |
| <b>Eye protection</b>                 | In case of splashing, wear: Approved safety goggles.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                         |                       |
|-------------------------|-----------------------|
| <b>Description</b>      | Powder.               |
| <b>Colour</b>           | White.                |
| <b>Odour</b>            | Odourless.            |
| <b>Relative density</b> | 3.0 g/cm <sup>3</sup> |
| <b>Water solubility</b> | insoluble in water.   |
| <b>Melting point</b>    | 1975°C                |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Stability</b>                        | Stable under normal conditions.                         |
| <b>Conditions to avoid</b>              | Burning produces irritating, toxic and obnoxious fumes. |
| <b>Materials to avoid</b>               | Strong oxidising agents. Strong acids.                  |
| <b>Hazardous decomposition products</b> | Carbon oxides.  |

## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

|                            |   |
|----------------------------|---|
| <b>General information</b> | Dispose of in compliance with all local and national regulations. |
|----------------------------|---|

## 14. TRANSPORT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Further information</b> | The product is not classified as dangerous for carriage. |
|----------------------------|--|

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Revision date 15-Jun-2010

## 15. REGULATORY INFORMATION

**Risk phrases** NSH - No Significant Hazard.

## 16. OTHER INFORMATION

**General information** The following information is provided to conform with article 13 of the EC Directive on Packaging and Packaging Waste 94/62/EC:

- \* Wherever possible we use returnable packaging and pallets. Details of these are on our Sales Contracts
- \* For any non-returnable packaging the cost of disposal is at your expense, but we do have a list of reprocessors available
- \* In most cases, but not all, we are able to supply products in returnable packaging but the additional cost of this will be for the customers expense. Please ask for details with your specific requirements
- \* Any products supplied in returnable packaging is clearly marked to this effect.

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.