

Revision 03

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

**Product name** ZENITH  
**Product type** POWDER

1.2 Relevant identified uses of the substance or mixture

**PRODUCT USE** Industrial uses: Uses of substances as such or in preparations at Industrial sites;(PC35) Washing and cleaning products  
**Description** Vehicle cleaner / all purpose cleaner

1.3 Details of the supplier of the safety data sheet

**Supplier** Spectrum industrial limited  
 Bedesway  
 Bede industrial estate  
 Jarrow  
 Tyne & Wear  
 NE32 3EG  
 Tel 0191 4301111  
**Email address** [sales@spectrum-ind.co.uk](mailto:sales@spectrum-ind.co.uk)

1.4 Emergency telephone number 0191 4301111 (9.00am – 5pm Mon-Fri)

## SECTION 2 : HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification (67/548/EEC) Xi;R36/38  
 2.1.2 Classification –EC 1272/2008 Skin Irrit.2-H315; Eye Irrit.2-H319

2.2 Label elements

Hazard Pictograms



**Signal Word** Warning.  
**Hazard Statement** Skin Irrit.2:H315 – Causes skin irritation  
 Eye Irrit.2-H319 – Causes serious eye irritation  
**Precautionary Statement:** P102 – Keep out of reach of children  
**Prevention** P280 – Wear protective gloves/protective clothing/eye protection/face protection  
**Precautionary Statement:** P301+P330+P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
**Response** P302+P352 – IF ON SKIN: Wash with plenty soap and water  
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 – If eye irritation persists get medical advice/attention  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

This product does not contain any PBT or vPvB substances

Supplemental label information

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**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS**3.2 Mixtures.

67/548/EEC / 1999/45/EC

| Chemical name                         | Index No     | Cas No     | EC No     | REACH Registration Number | Conc (% w / w) | Classification    |
|---------------------------------------|--------------|------------|-----------|---------------------------|----------------|-------------------|
| Sodium carbonate                      | 011-005-00-2 | 497-19-8   | 207-838-8 | 01-2119485498-19          | 30-60%         | Xi;R36            |
| Alkyl Benzene Sulphonic Acid, Na-Salt |              | 85117-50-6 | 285-600-2 |                           | 5-10%          | Xn;R22;Xi;R41;R38 |
| C9-11 Alcohol Ethoxylate              |              | 68439-46-3 |           |                           | 1-5%           | Xn; R22 Xi; R41   |

EC 1272/2008

| Chemical name                         | Index No     | Cas No     | EC No     | REACH Registration Number | Conc (% w / w) | Classification   |
|---------------------------------------|--------------|------------|-----------|---------------------------|----------------|--|
| Sodium carbonate                      | 011-005-00-2 | 497-19-8   | 207-838-8 | 01-2119485498-19          | 30-60%         | Eye Irrit.2-H319   |
| Alkyl Benzene Sulphonic Acid, Na-Salt |              | 85117-50-6 | 285-600-2 |                           | 5-10%          | Acute Tox.4-H302<br>Skin Irrit.2-H315<br>Eye Dam .1-H318 |
| C9-11 Alcohol Ethoxylate              |              | 68439-46-3 |           |                           | 1-5%           | Acute Tox.4-H302<br>Eye Dam .1-H318                      |

**SECTION 4 : FIRST AID MEASURES**4.1 Description Of first aid measures**Inhalation**

In case of inhalation of dust. Move the exposed person to fresh air and keep at rest. Seek medical advice if discomfort persists.

**Ingestion**

DO NOT INDUCE VOMITING. If swallowed give plenty of water to drink and seek medical advice immediately.

**Skin contact**

Wash with soap and water

**Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Get medical attention if irritation persists.

4.2 Most important symptoms and effects, both acute and delayed**Inhalation**

No specific symptoms noted

**Ingestion**

May cause discomfort if swallowed

**Skin contact**

Prolonged or repeated contact can cause irritation

**Eye contact**

Contact with powder will cause eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Treat Symptomatically

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**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate to surrounding materials

**5.2 Special hazards arising from the substance or mixture**

When heated and in case of fire, harmful vapours/gases may be formed

**5.3 Advice for fire-fighters****Protective equipment for fire-fighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

**6.2 Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate body.

**6.3 Methods and material for containment and cleaning up**

Small quantities may be flushed to drains with plenty of water. Large spillages sweep up and place into containers for disposal. Flush with plenty of water to clean spillage area.

**6.4 Reference to other sections**

For personal protection see section 8. Collect and dispose of spillage as indicated in section 13

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Wear suitable protective clothing, gloves and eye/face protection

**7.2 Conditions for safe storage, including any incompatibilities**

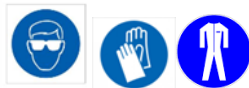
Store in tightly closed original container in a dry, cool and well-ventilated area. Keep away from Oxidising agents

**7.3 Specific end use(s)**

The identified uses for this product are detailed in section 1.2

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Sodium Carbonate Inhalation Long Term 10 mg/m<sup>3</sup>

**8.2 Exposure controls****8.2.1 Appropriate engineering Controls**

Ensure adequate ventilation of the working area.

**8.2.2 Individual Protection Measures**

Eye / face protection

Wear protective clothing to prevent / avoid skin contact

Hand protection

In case of splashing wear approved safety goggles

Wear Rubber gloves

Respiratory protection

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                  |                         |
|------------------|-------------------------|
| State            | Powder                  |
| Colour           | Off white / cream       |
| Odour            | slight                  |
| Solubility       | Soluble in water        |
| pH-value         | 10 – 10.9 @ 1% solution |
| Flash point      | N/A                     |
| Relative density | N/A                     |

### 9.2 Other information

None

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No specific reactivity hazards associated with this product

### 10.2 Chemical stability

Stable under normal temperature conditions

### 10.3 Possibility of hazardous reactions

Not determined

### 10.4 conditions to avoid

There are no known conditions that are likely to result in a hazardous situation

### 10.5 Incompatible materials

#### Materials to avoid

No incompatible groups noted

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.4 Toxicological information

Sodium Carbonate      Dermal Rat LD50 > 2000 mg/kg, Oral Rat LD50 2800 mg/kg, Inhalation Rat LC50 2300 mg/l  
C9-11 Alcohol Ethoxylate      Dermal rat LD50 2000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Not regarded as dangerous for the environment

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**12.1 Toxicity**

Sodium Carbonate                      Fish LC50/96h:300mg/l, Daphnia EC50/48h:265 mg/l  
C9-11 Alcohol Ethoxylate                      Daphnia EC50/48h:5.3 mg/l

**12.2 Persistence and degradability**

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) no 684/2004 on detergents.

**12.3 Bioaccumulative potential**

Not expected to be bioaccumulating

**12.4 Mobility in soil**

Not Determined

**12.5 Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances

**12.6 Other adverse effects**

Not known

**SECTION 13: DISPOSAL CONSIDERATIONS****General information**

Dispose of in compliance with all local and national regulations.

**13.1 Waste treatment methods**

Discharge used solutions to drain. Less than 5 litres of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste

**SECTION 14: TRANSPORT INFORMATION****General**

Not classified for Transport

**14.1 UN number****14.2 UN proper shipping name****14.3 Transport hazard class(es)****14.4 Packing group****14.5 Environmental hazards****14.6 Special precautions for user****14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code****SECTION 15: REGULATORY INFORMATION**

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### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety data sheet prepared in accordance with REACH commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances and mixtures. Ingredients are listed with classification under both CHIP-Directive 67/548/EEC classification, packaging & labelling of dangerous substances & GHS/CLP - Regulations (EC) no 1272/2008 classification, labelling & packaging of substances & mixtures.

### 15.2 Chemical Safety Assessment

Not applicable this product is a mixture

## SECTION 16: OTHER INFORMATION

### Other information

The Risk phrases / Hazard statements listed below in this section No 16 relate to the Raw Materials (ingredients) in the product (as listed in section 3) and Not the product itself. For the risk phrases/hazard statements relating to this product see section 2.

Text of risk phrases in section 3

|     |                                |
|-----|--------------------------------|
| R22 | Harmful if swallowed           |
| R36 | Irritating to eyes             |
| R38 | Irritating to skin             |
| R41 | Risk of serious damage to eyes |

Text of hazard statements in section 3

|      |                               |
|------|-------------------------------|
| H302 | Harmful if swallowed          |
| H315 | Causes skin irritation        |
| H318 | Causes serious eye damage     |
| H319 | Causes serious eye irritation |

### Further information

The information supplied in this 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.