

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** DEEP KLEEN**Product type** POWDER1.2 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** Powder kitchen Degreaser1.3 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.uk1.4 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: Prevention | P102 – Keep out of reach of children P280 – Wear protective gloves/protective clothing/eye protection/face protection |
| Precautionary Statement: Response | P301+P330+P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting. 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

Revision 03

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS3.2 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 Skin Irrit.2-H315 Eye Dam.1-H318 |
| C9-11 Alcohol Ethoxylate | | 68439-46-3 | | | 1 -5% | Acute Tox.4-H302 Eye Dam.1-H318 |

SECTION 4 : FIRST AID MEASURES4.1 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

Revision 03

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

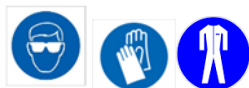
Store in tightly closed original container in a dry, cool and well-ventilated area. Keep away from Oxidising agents

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 10mg/m³

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
Hand protection

Wear protective clothing to prevent / avoid skin contact

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 10mg/m³

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 2000mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment

Revision 03

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

Revision 03

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.