



# SAFETY DATA SHEET DEGREASING POWDER

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

### 1.1. Product identifier

Product name                    DEGREASING POWDER  
Internal Id                      C852

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses                    Detergent.

### 1.3. Details of the supplier of the safety data sheet

Supplier                            ARROW SOLUTIONS  
                                          RAWDON ROAD  
                                          MOIRA  
                                          SWADLINCOTE  
                                          DERBYSHIRE  
                                          DE12 6DA  
                                          TEL: +44 (0)1283 221044  
                                          EMERGENCY: +44 (0) 777 8505 330  
                                          FAX: +44 (0)1283 225731  
                                          sales@arrowchem.com

### 1.4. Emergency telephone number

+44 (0) 777 8505 330

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC)    Xi;R36/38.

### 2.2. Label elements

Detergent Labelling:                    < 5%                            non-ionic surfactants  
                                                                                          perfumes

Labelling



Irritant

Risk Phrases

R36/38                                            Irritating to eyes and skin.

Safety Phrases

S24/25                                            Avoid contact with skin and eyes.  
S26                                                In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27                                                Take off immediately all contaminated clothing.  
S35                                                This material and its container must be disposed of in a safe way.

### 2.3. Other hazards

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>SODIUM CARBONATE</b>	60-100%
CAS-No.: 497-19-8	EC No.: 207-838-8
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36
<b>DISODIUM METASILICATE</b>	5-10%
CAS-No.: 6834-92-0	EC No.: 229-912-9
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT Single 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37
<b>D008 NON-IONIC SURFACTANT</b>	1-5%
CAS-No.: 68412-54-4	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R41. R53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move into fresh air and keep at rest.

#### Ingestion

Rinse mouth thoroughly. DO NOT INDUCE VOMITING! Get medical attention if any discomfort continues.

#### Skin contact

Wash skin thoroughly with soap and water.

#### Eye contact

Rinse with water. Contact physician if discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation.

Irritation of nose, throat and airway.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

May cause skin irritation/eczema.

#### Eye contact

Irritating and may cause redness and pain.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

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## Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

## 5.2. Special hazards arising from the substance or mixture

### Hazardous combustion products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

No specific fire fighting procedure given.

### 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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Sweep up and dispose of as solid waste.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid inhalation of dust.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container in a dry place.

### Storage Class

Chemical storage.

### 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

### 8.2. Exposure controls

#### Protective equipment



#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

#### Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

#### Hygiene measures

Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### Appearance

Powder

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Colour	Yellow.
Odour	pine
pH-Value, Conc. Solution	12.0

## 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reaction with: Acids.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

No specific conditions are likely to result in a hazardous situation.

### 10.5. Incompatible materials

#### Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Medical Symptoms

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. SKIN. Skin irritation.

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

The product is not expected to be hazardous to the environment.

### 12.1. Toxicity

#### Acute Toxicity - Fish

Not determined.

#### Acute Toxicity - Aquatic Invertebrates

Not determined.

#### Acute Toxicity - Terrestrial

Not determined.

### 12.2. Persistence and degradability

#### Degradability

The product is easily biodegradable.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Mobility:

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

Not known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

#### Transport Labels

No transport warning sign required.

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC

### Code

## SECTION 15: REGULATORY INFORMATION

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

#### Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations.

#### Statutory Instruments

Control of Substances Hazardous to Health.

#### Guidance Notes

Workplace Exposure Limits EH40.

#### EU Legislation

Dangerous Preparations Directive 1999/45/EC.

### 15.2. Chemical Safety Assessment

## SECTION 16: OTHER INFORMATION

Revision Date 31/01/2012

Revision 2.0

Supersedes date 30/01/2008

Date 30/01/2008

#### Risk Phrases In Full

R34 Causes burns.

R22 Harmful if swallowed.

R36 Irritating to eyes.

R37 Irritating to respiratory system.

R53 May cause long-term adverse effects in the aquatic environment.

R41 Risk of serious damage to eyes.

#### Hazard Statements In Full

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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## Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.