



**SAFETY DATA SHEET**  
**Swarfega Multi Purpose Cleaner**

According to Regulation (EU) No 453/2010

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

**1.1. Product identifier**

**Product name** Swarfega Multi Purpose Cleaner  
**Product No.** SOC2LBSFX, SOC5LB, SOC5LBSFX

**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** Deb Ltd  
Denby Hall Way  
Denby  
Derbyshire  
DE5 8JZ  
Main Tel. 01773 855100  
Technical Tel 01773 855105  
reach@deb.co.uk

**1.4. Emergency telephone number**

National Poisons Information Service (UK) 0844 8920111

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

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

**Environment**

The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

**2.2. Label elements**

**Detergent Labelling**

5 - < 15% phosphates  
< 5% anionic surfactants  
non-ionic surfactants

**Labelling**



Irritant

**Risk Phrases**

R36 Irritating to eyes.

**Safety Phrases**

S2 Keep out of the reach of children.  
S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S64 If swallowed, rinse mouth with water (only if the person is conscious).

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**2.3. Other hazards**

This product does not contain any PBT or vPvB substances.

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

<b>TETRAPOTASSIUM PYROPHOSPHATE</b>		<b>5-10%</b>
<b>CAS-No.: 7320-34-5</b>	<b>EC No.: 230-785-7</b>	<b>Registration Number: 01-2119489369-18-xxxx</b>
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.	
<b>BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS</b>		<b>1-5%</b>
<b>CAS-No.: 68411-30-3</b>	<b>EC No.: 270-115-0</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R38,R41.	
<b>ISOTRIDECANOL, ETHOXYLATED 6.5 MOL EO</b>		<b>1-5%</b>
<b>CAS-No.: 69011-36-5</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.	
<b>ARYL ETHER PHOSPHATE ESTER, POTASSIUM SALT</b>		<b>1-5%</b>
<b>CAS-No.: 72283-31-9</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38.	

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**

Not relevant Unlikely route of exposure as the product does not contain volatile substances.

**Ingestion**

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

**Skin contact**

Not applicable.

**Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

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

No specific symptoms noted.

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### Ingestion

No specific symptoms noted.

### Eye contact

Irritation of eyes and mucous membranes.

### 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

#### Extinguishing media

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

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

#### Hazardous combustion products

No hazardous decomposition products.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

No specific fire fighting procedure given.

## 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. Avoid contact with eyes.

### 6.2. Environmental precautions

Not relevant considering the small amounts used.

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

Flush away small spillages with plenty of water. Do not let washing down water contaminate ponds or waterways. Large quantities should not be discharged into the drain but removed with absorbing material.

### 6.4. Reference to other sections

For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with eyes.

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

Store in closed original container at temperatures between 0°C and 40°C.

### 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

#### Ingredient Comments

None.

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### TETRAPOTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

<b>DNEL</b>				
Professional	Inhalation.	Long Term	Systemic Effects	2.79 mg/m3
Consumer	Inhalation.	Long Term	Systemic Effects	0.68 mg/m3
<b>PNEC</b>				
Freshwater	0.05	mg/l		
Marinewater	0.005	mg/l		
Freshwater	0.5	mg/l		
STP	50	mg/l		

## 8.2. Exposure controls

### Protective equipment



### Engineering measures

Not relevant

### Respiratory equipment

Not relevant

### Hand protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### Eye protection

Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

### Hygiene measures

Wash hands after contact.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Liquid
<b>Colour</b>	Yellow.
<b>Odour</b>	Characteristic.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range (°C)</b>	
Not determined.	
<b>Melting point (°C)</b>	
Not determined.	
<b>Relative density</b>	1.06-1.1 25C
<b>Vapour density (air=1)</b>	
Not determined.	
<b>Vapour pressure</b>	
Not determined.	
<b>Evaporation rate</b>	
Not determined.	
<b>pH-Value, Conc. Solution</b>	10-10.5
<b>Viscosity</b>	
Not determined.	
<b>Decomposition temperature (°C)</b>	
Not determined.	
<b>Odour Threshold, Lower</b>	
Not determined.	
<b>Odour Threshold, Upper</b>	
Not determined.	
<b>Flash point (°C)</b>	
Not determined.	
<b>Auto Ignition Temperature (°C)</b>	
Scientifically unjustified.	

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**Flammability Limit - Lower(%)**

Scientifically unjustified.

**Flammability Limit - Upper(%)**

Scientifically unjustified.

**Explosive properties**

Scientifically unjustified.

**Oxidising properties**

Does not meet the criteria for oxidising.

### 9.2. Other information

No information required.

## 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 known.

### 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

There are no anticipated hazardous decomposition products associated with this material.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

**Acute toxicity:**

Based on available data the classification criteria are not met.

**Skin Corrosion/Irritation:**

Moderately Irritating.

**Serious eye damage/irritation:**

Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation:**

Based on available data the classification criteria are not met.

**Germ cell mutagenicity:**

Does not contain any substances known to be mutagenic.

**Carcinogenicity:**

Does not contain any substances known to be carcinogenic.

**Reproductive Toxicity:**

Does not contain any substances known to be toxic to reproduction.

**Specific target organ toxicity - single exposure:****STOT - Single exposure**

No information available.

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### Specific target organ toxicity - repeated exposure:

#### STOT - Repeated exposure

No information available.

### Aspiration hazard:

Based on available data the classification criteria are not met.

#### Inhalation

No specific health warnings noted.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Skin irritation is not anticipated when used normally.

#### Eye contact

Irritating to eyes.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. Toxicity

The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

### 12.2. Persistence and degradability

#### Degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 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

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. No specific disposal method required. Recover and reclaim or recycle, if practical.

## SECTION 14: TRANSPORT INFORMATION

<b>Road Transport Notes</b>	Not Classified
<b>Rail Transport Notes</b>	Not classified.
<b>Sea Transport Notes</b>	Not classified.
<b>Air Transport Notes</b>	Not classified.

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**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards****Environmentally Hazardous Substance/Marine Pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

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

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION****Revision Comments**

New REACH Annex 2 Compliant MSDS

**Revision Date** 15/04/2011**Revision** 4**Supersedes date** 15/02/11**Risk Phrases In Full**

R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

**Hazard Statements In Full**

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

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### Notes for Risk Phrases and Hazard Statements in Full

The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

#### 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.