



## SAFETY DATA SHEET

### Swarfega Powerwash Vehicle Cleaner

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Swarfega Powerwash Vehicle Cleaner

**Product number** SVC27QP, SVC2LBSFX, SVC5LB, SVC5SFX

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

**Identified uses** Detergent. For full details regarding recommended uses please refer to the product label.

##### 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  
 sdsuk@debgroup.com

##### 1.4. Emergency telephone number

**Emergency telephone** National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)  
 National Poisons Information Centre (Eire) 01-8092566/8379964

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Not Classified

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

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.

## Swarfega Powerwash Vehicle Cleaner

<b>Precautionary statements</b>	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
<b>Detergent labelling</b>	< 5% amphoteric surfactants, < 5% non-ionic surfactants, Contains 2-BROMO-2-NITROPROPANE-1,3-DIOL, LIMONENE

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ALKYLPOLYGLYCOSIDE C10-16</b>	<b>1-5%</b>
CAS number: 110615-47-9	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
<b>COCOGLUCOSIDE</b>	<b>1-5%</b>
CAS number: 68515-73-1	EC number: 500-220-1
	REACH registration number: 01-2119488530-36-XXXX
<b>Classification</b>	
Eye Dam. 1 - H318	
<b>BRONOPOL (INN)</b>	<b>&lt;1%</b>
CAS number: 52-51-7	EC number: 200-143-0
	REACH registration number: 01-2119980938-15-XXXX
M factor (Acute) = 10	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	

## Swarfega Powerwash Vehicle Cleaner

<b>SODIUM HYDROXIDE</b>		<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
<b>Classification</b>		
Met. Corr. 1 - H290		
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Not relevant. Unlikely route of exposure as the product does not contain volatile substances.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse with water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

<b>Hazardous combustion products</b>	No known hazardous decomposition products.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid contact with eyes.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

## Swarfega Powerwash Vehicle Cleaner

**Methods for cleaning up** Flush away spillage with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes.

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

**Storage precautions** Store in closed original container at temperatures between 0°C and 30°C.

### 7.3. Specific end use(s)

**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

#### Occupational exposure limits

#### **SODIUM HYDROXIDE**

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** None.

#### COCOGLUCOSIDE (CAS: 68515-73-1)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 420 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 595000 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 124 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 357000 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 35.7 mg/kg/day</p>
<b>PNEC</b>	<p>- Fresh water; 0.176 mg/l</p> <p>- Marine water; 0.0176 mg/l</p> <p>- Intermittent release; 0.27 mg/l</p> <p>- STP; 560 mg/l</p> <p>- Sediment (Freshwater); 1.516 mg/kg</p> <p>- Sediment (Marinewater); 0.152 mg/kg</p> <p>- Soil; 0.654 mg/kg</p>

#### 3-C12-14-(even numbered)-alkylamido-N,N-dimethylpropan-1-amino oxide (CAS: 68155-09-9)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 15.5 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 11 mg/kg/day</p> <p>Workers - Dermal; Long term local effects: 0.27 %</p> <p>General population - Inhalation; Long term systemic effects: mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: mg/kg/day</p> <p>General population - Dermal; Long term local effects: 0.27 %</p> <p>General population - Oral; Long term systemic effects: 0.44 mg/kg/day</p>
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## Swarfega Powerwash Vehicle Cleaner

- PNEC**
- Fresh water; 3.4 µg/L
  - Marine water; 0.34 µg/L
  - Intermittent release; 3.4 µg/L
  - STP; 6.674 mg/l
  - Sediment (Freshwater); 4.85 µg/kg
  - Sediment (Marinewater); 0.485 µg/kg
  - Soil; 2.18 µg/kg

### REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE

- DNEL**
- Professional - Dermal; Long term systemic effects: 5.3 mg/kg/day
  - Professional - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>
  - Consumer - Dermal; Long term systemic effects: 2.7 mg/kg/day
  - Consumer - Inhalation; Long term systemic effects: 0.9 mg/m<sup>3</sup>
  - Consumer - Oral; Long term systemic effects: 0.3 mg/kg/day

- PNEC**
- Marine water; 0.0003 mg/l
  - Soil; 0.0041 mg/kg
  - Fresh water; 0.03 mg/l
  - Sediment (Freshwater); 0.108 mg/kg
  - Intermittent release; 0.042 mg/l
  - STP; 9.9 mg/l
  - Sediment (Marinewater); 0.0108 mg/kg

### CITRIC ACID (CAS: 5949-29-1)

- PNEC**
- Fresh water; 0.44 mg/l
  - Marine water; 0.044 mg/l
  - STP; 1000 mg/l
  - Sediment (Freshwater); 34.66 mg/kg
  - Sediment (Marinewater); 3.46 mg/kg
  - Soil; 33.1 mg/kg

### BRONOPOL (INN) (CAS: 52-51-7)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 4.1 mg/m<sup>3</sup>
  - Workers - Inhalation; Short term systemic effects: 12.3 mg/m<sup>3</sup>
  - Workers - Inhalation; Long term local effects: 4.2 mg/m<sup>3</sup>
  - Workers - Inhalation; Short term local effects: 4.2 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day
  - Workers - Dermal; Short term systemic effects: 7 mg/kg/day
  - Workers - Dermal; Long term local effects: 13 µg/cm<sup>2</sup>
  - Workers - Dermal; Short term local effects: 13 µg/cm<sup>2</sup>
  - General population - Inhalation; Long term systemic effects: 1.2 mg/m<sup>3</sup>
  - General population - Inhalation; Short term systemic effects: 3.7 mg/m<sup>3</sup>
  - General population - Inhalation; Long term local effects: 1.3 mg/m<sup>3</sup>
  - General population - Inhalation; Short term local effects: 1.3 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 1.4 mg/kg/day
  - General population - Dermal; Short term systemic effects: 4.2 mg/kg/day
  - General population - Dermal; Long term local effects: 8 µg/cm<sup>2</sup>
  - General population - Oral; Long term systemic effects: 0.35 mg/kg/day
  - General population - Oral; Short term systemic effects: 1.1 mg/kg/day

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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.01 mg/l</li> <li>- Marine water; 0.0008 mg/l</li> <li>- Intermittent release; 0.0025 mg/l</li> <li>- STP; 0.43 mg/l</li> <li>- Sediment (Freshwater); 0.041 mg/kg</li> <li>- Sediment (Marinewater); 0.00328 mg/kg</li> <li>- Soil; 0.5 mg/kg</li> </ul>
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### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

<b>DNEL</b>	<ul style="list-style-type: none"> <li>Professional - Inhalation; Long term systemic effects: 2.5 mg/m<sup>3</sup></li> <li>Consumer - Inhalation; Short term systemic effects: 1.5 mg/m<sup>3</sup></li> <li>Professional - Inhalation; Short term local effects: 2.5 mg/m<sup>3</sup></li> <li>Professional - Inhalation; Short term systemic effects: 2.5 mg/m<sup>3</sup></li> <li>Consumer - Inhalation; Long term local effects: 1.5 mg/m<sup>3</sup></li> <li>Consumer - Oral; Long term systemic effects: 28 mg/kg/day</li> <li>Professional - Inhalation; Short term systemic effects: 2.8 mg/m<sup>3</sup></li> <li>Professional - Inhalation; Long term local effects: 2.5 mg/m<sup>3</sup></li> </ul>
<b>PNEC</b>	<ul style="list-style-type: none"> <li>- STP; 43 mg/l</li> <li>- ; Intermittent release 1.2 mg/l</li> <li>- Marine water; 0.22 mg/l</li> <li>18.3 C/ 65.0 F - Fresh water; 18.3 C/ 65.0 F 2.2 mg/l</li> <li>- Soil; 0.72 mg/kg</li> </ul>

### SODIUM HYDROXIDE (CAS: 1310-73-2)

<b>DNEL</b>	<ul style="list-style-type: none"> <li>Industry - Inhalation; Long term local effects: 1 mg/m<sup>3</sup></li> <li>Consumer - Inhalation; Long term local effects: 1 mg/m<sup>3</sup></li> </ul>
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## 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Not relevant.
<b>Eye/face protection</b>	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.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	When using do not eat, drink or smoke.
<b>Respiratory protection</b>	No specific recommendations.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Blue.
<b>Odour</b>	Perfume.
<b>Odour threshold</b>	Not determined.

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<b>pH</b>	pH (concentrated solution): 6.5-7.5 18.3 C/ 65.0 F
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Scientifically unjustified.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Scientifically unjustified.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	0.991-1.011 @ 25C°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Scientifically unjustified.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	300-400 cP @ 25°C
<b>Explosive properties</b>	Scientifically unjustified.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known.

### 10.4. Conditions to avoid

**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 specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## Swarfega Powerwash Vehicle Cleaner

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** 18.3 C/ 65.0 F Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vivo** Does not contain any substances known to be mutagenic.

### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

### Reproductive toxicity

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** No information available.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard based on chemical structure.

**Inhalation** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** May cause temporary eye irritation.

## SECTION 12: Ecological Information

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product 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.



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**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

## SECTION 14: Transport information

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### 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 MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

## Swarfega Powerwash Vehicle Cleaner

**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) (as amended).  
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 (as amended).

**HSNO Approval No:**

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Key literature references and sources for data</b>	Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.
<b>Revision comments</b>	(EU) 2015/830 NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	05/01/2018
<b>Revision</b>	5
<b>Supersedes date</b>	09/06/2017
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.

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.