



SAFETY DATA SHEET

Swarfega Powerwash Wash & Wax

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 Powerwash Wash & Wax
Product No. PWW25L, PWW5LTR

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 Not classified.
(1999/45/EEC)
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%	non-ionic surfactants amphoteric surfactants perfumes
Contains	BENZYL ALCOHOL,2-BROMO-2-NITROPROPANE-1,3-DIOL,LIMONE NE,METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE

Risk Phrases

NC	Not classified.
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Safety Phrases

S2	Keep out of the reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.

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S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S46	If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

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

COCOGLUCOSIDE		1-5%
CAS-No.: 141464-42-8	EC No.:	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	

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

Rinse with water.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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**Inhalation.**

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

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

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Special Fire Fighting Procedures

No specific fire fighting procedure given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

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

EU = Indicative Values according to Commission Directive 91/322/EEC.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL				
Professional	Inhalation.	Short Term	Systemic Effects	2.8 mg/m ³
Consumer	Inhalation.	Short Term	Systemic Effects	1.5 mg/m ³
Consumer	Oral	Long Term	Systemic Effects	28 mg/kg/day
Professional	Inhalation.	Long Term	Systemic Effects	2.5 mg/m ³
Professional	Inhalation.	Long Term	Local Effects	2.5 mg/m ³
Professional	Inhalation.	Short Term	Systemic Effects	2.5 mg/m ³
Professional	Inhalation.	Short Term	Local Effects	2.5 mg/m ³
Consumer	Inhalation.	Long Term	Local Effects	1.5 mg/m ³
PNEC				
Freshwater	2.2	mg/l		
Marinewater	0.22	mg/l		
Intermittent release	1.2	mg/l		
STP	43	mg/l		
Soil	0.72	mg/kg		

8.2. Exposure controls

Engineering measures

Not relevant

Respiratory equipment

No specific recommendations.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. 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

Wear eye protection if there is a risk of this product getting in the eyes.

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Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash hands after contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Blue.
Odour	Perfume.
Solubility	Soluble in water.
Initial boiling point and boiling range	
Not determined.	
Melting point (°C)	
Not determined.	
Relative density	0.991-1.011 25C
Vapour density (air=1)	
Not determined.	
Evaporation rate	
Not determined.	
pH-Value, Conc. Solution	6.5-7.5
Viscosity	300-400 cps 25C
Decomposition temperature (°C)	
Not determined.	
Odour Threshold, Lower	
Not determined.	
Odour Threshold, Upper	
Not determined.	
Flash point	
Scientifically unjustified.	
Auto Ignition Temperature (°C)	
Scientifically unjustified.	
Flammability Limit - Lower(%)	
Scientifically unjustified.	
Flammability Limit - Upper(%)	
Scientifically unjustified.	
Partition Coefficient (N-Octanol/Water)	
Not applicable.	
Explosive properties	
Scientifically unjustified.	
Oxidising properties	
Does not meet the criteria for oxidising.	

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 known.

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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

None under normal conditions.

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:

Based on available data the classification criteria are not met.

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.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

Aspiration hazard:

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

Inhalation

No specific health warnings noted.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity

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

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.

Partition coefficient

Not applicable.

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

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.

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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

Revision of information

Revision Date 09/09/2011

Revision 2

Supersedes date 15/02/2011

Risk Phrases In Full

NC Not classified.

R41 Risk of serious damage to eyes.

Hazard Statements In Full

H318 Causes serious eye damage.

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 a 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.