



SAFETY DATA SHEET CARPETCLEAN XL

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

1.1. Product identifier

Product name CARPETCLEAN XL
Product No. S800

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

Identified uses A highly concentrated low foam emulsifier for use in carpet soil extraction machines. Carpetclean XL is phosphate free and contains special corrosion inhibitors to help protect machinery and truck-mount chemical metering systems. Carpetclean XL has been tested and approved for aircraft carpet cleaning. Approval: SAE AEROSPACE MATERIAL SPECIFICATION (AMS) 1631A(B)

1.3. Details of the supplier of the safety data sheet

Supplier Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH
Telephone: 020 8974 1515
Fax: 020 8974 1511
www.prochem.co.uk
sales@prochem.co.uk

1.4. Emergency telephone number

020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R41.

Human health

Risk of serious damage to eyes. Contact with concentrate May cause severe irritation to eyes. May cause possible injury if not promptly rinsed. Prolonged or repeated exposure may cause: skin irritation and dermatitis. Limited inhalation hazard at normal work temperatures. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Vapours may cause headache, fatigue, dizziness and nausea. Product is alkaline and may be mildly corrosive to mucous membranes. Ingestion may cause: nausea Diarrhoea.

Environment

The product is expected to be biodegradable.

2.2. Label elements

Labelling



Irritant

Risk Phrases

R41

Risk of serious damage to eyes.

Safety Phrases

S2

Keep out of the reach of children.

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.

S37/39

Wear suitable gloves and eye/face protection.

2.3. Other hazards

See section 8 for details of exposure limits.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	5-15%
CAS-No.: 64-02-8	EC No.: 200-573-9
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22 Xi;R41
ALCOHOLS C9-11, ETHOXYLATED	5-15%
CAS-No.: 68439-45-2	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
ALCOHOLS, C9-11, ETHOXYLATED	1-5%
CAS-No.: 68439-45-2	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
DISODIUM METASILICATE	1-5%
CAS-No.: 6834-92-0	EC No.: 229-912-9
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37

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 the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately! Do not give victim anything to drink if he is unconscious. DO NOT INDUCE VOMITING!

Skin contact

Flush skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

Skin contact

Prolonged or repeated exposure may cause: Defatting, drying and cracking of skin.

Eye contact

May cause severe irritation to eyes. May cause possible injury if not promptly rinsed.

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

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Treat Symptomatically. If swallowed: Get medical attention immediately!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrogen oxide. Acids - organic.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

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

Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

Collect with absorbent, non-combustible material into suitable containers. Dispose of waste and residues in accordance with local authority requirements.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.

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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
DISODIUM METASILICATE	SUP				2 mg/m ³	SUP = Supplier's recommendation.

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation.

Respiratory equipment

Not required in normal use.

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Hand protection

Nitrile gloves are recommended. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Eye protection

Side shield safety glasses are recommended when handling this product.

Hygiene measures

Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Green.
Odour	Citrus Floral
Solubility	Soluble in water.
Initial boiling point and boiling range	100°C
Melting point (°C)	Not determined.
Relative density	1.08
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
pH-Value, Conc. Solution	12.5
pH-Value, Diluted Solution	9.5
Viscosity	5.810-6.017 mPas
Odour Threshold, Lower	Not determined.
Odour Threshold, Upper	Not determined.
Flash point	Not applicable.
Auto Ignition Temperature (°C)	Not determined.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Partition Coefficient (N-Octanol/Water)	Not determined.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

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

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Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong alkalis. Strong oxidising substances.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrogen oxide. Acids - organic.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Product is alkaline and may be mildly corrosive to mucous membranes. Ingestion may cause: nausea Diarrhoea. irritation of mouth and throat. Limited inhalation hazard at normal work temperatures. Excessive exposure may cause respiratory irritation and/or temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache.

Skin Corrosion/Irritation:

Prolonged or repeated exposure may cause: skin irritation and dermatitis.

Serious eye damage/irritation:

Contact with concentrate May cause severe irritation to eyes. May cause possible injury if not promptly rinsed. May cause blurred vision and serious eye damage.

Respiratory or skin sensitisation:

Contains Limonene

Germ cell mutagenicity:

No effects expected based upon current data.

Carcinogenicity:

No effects expected based upon current data.

Reproductive Toxicity:

No effects expected based upon current data.

Toxicological information on ingredients.

DISODIUM METASILICATE (CAS: 6834-92-0)

Acute toxicity:

Acute Toxicity (Oral LD50)

1280 mg/kg Rat

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

Acute toxicity:

Acute Toxicity (Oral LD50)

> 1740 mg/kg Rat

ALCOHOLS C9-11, ETHOXYLATED (CAS: 68439-45-2)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 300 mg/kg

Acute Toxicity (Dermal LD50)

> 2000 mg/kg

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-45-2)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 300 mg/kg

Acute Toxicity (Dermal LD50)

> 2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

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12.1. Toxicity

Ecological information on ingredients.

DISODIUM METASILICATE (CAS: 6834-92-0)

Acute Toxicity - Fish

LC50 96 hours 3185 mg/l

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 4857 mg/l Daphnia magna

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

LC 50, 96 Hrs, Fish mg/l

> 100

EC 50, 48 Hrs, Daphnia, mg/l

> 100

IC 50, 72 Hrs, Algae, mg/l

> 100

ALCOHOLS C9-11, ETHOXYLATED (CAS: 68439-45-2)

Acute Toxicity - Fish

LC50 > 10 mg/l

Acute Toxicity - Aquatic Invertebrates

EC50 > 1 mg/l

Acute Toxicity - Aquatic Plants

IC50 > 10 mg/l

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-45-2)

Acute Toxicity - Fish

LC50 > 10 mg/l

Acute Toxicity - Aquatic Invertebrates

EC50 > 1 mg/l

Acute Toxicity - Aquatic Plants

IC50 > 10 mg/l

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

Not known.

Partition coefficient

Not determined.

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

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None.

14.3. Transport hazard class(es)

None.

ADR/RID/ADN Class -

IMDG Class -

14.4. Packing group

None.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

None.

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

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 Date	05/11/2012
Revision	1
Risk Phrases In Full	
R34	Causes burns.
R22	Harmful if swallowed.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.
Hazard Statements In Full	
H318	Causes serious eye damage.
H314	Causes severe skin burns and eye damage.
H302	Harmful if swallowed.
H335	May cause respiratory irritation.

Disclaimer

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.