



**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 number 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 www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 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

- Physical hazards**
Not Classified
- Health hazards**
Skin Corr. 1A - H314 Eye Dam. 1 - H318
- Environmental hazards**
Not Classified

Classification (67/548/EEC or 1999/45/EC)
Xi;R41.

Human health

Causes severe skin burns and eye damage. Considered to be a low inhalation hazard at normal workplace temperatures. Excessive exposure may cause respiratory irritation and/or temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache. Vapours may cause headache, fatigue, dizziness and nausea. Ingestion may cause: nausea Diarrhoea. May cause chemical burns in mouth and throat.

CARPETCLEAN XL**Environmental**

The product is expected to be biodegradable.

2.2. Label elements**Pictogram****Signal word**

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.

P260 Do not breathe spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Contains

Tetrasodium ethylene diamine tetraacetate, Alcohols C9-11, ethoxylated, Alcohols, C9-11, ethoxylated, Disodium metasilicate

Detergent labelling

5 - < 15% EDTA and salts thereof, 5 - < 15% non-ionic surfactants, < 5% anionic surfactants, < 5% NTA (nitrilotriacetic acid) and salts thereof, < 5% perfumes, Contains DMDM Hydantoin, d-Limonene, Iodopropynyl butylcarbamate

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Tetrasodium ethylene diamine tetraacetate	5-10%
CAS number: 64-02-8 EC number: 200-573-9	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn;R22 Xi;R41
Acute Tox. 4 - H332	
Eye Dam. 1 - H318	
Alcohols C9-11, ethoxylated	5-10%
CAS number: 68439-45-2 EC number: —	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn;R22. Xi;R41.
Eye Dam. 1 - H318	

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Alcohols, C9-11, ethoxylated		1-5%
CAS number: 68439-45-2 EC number: —		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Dam. 1 - H318	Xn;R22. Xi;R41.	
Acute Tox. 4 - H302		
Disodium metasilicate		1-5%
CAS number: 6834-92-0 EC number: 229-912-9		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Met. Corr. 1 - H290	C;R34 Xi;R37	
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
Trisodium nitrilotriacetate		<0.5
CAS number: 5064-31-3 EC number: 225-768-6		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Carc. 2 - H351	Carc. Cat. 3;R40 Xn;R22 Xi;R36	
Acute Tox. 4 - H302		
Eye Irrit. 2 - H319		

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

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.

Skin contact

Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids 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**

Causes severe skin burns and eye damage.

Eye contact

Causes serious eye damage. May cause severe eye irritation. May cause possible injury if not promptly rinsed.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

Treat symptomatically.

Specific treatments

If swallowed: Get medical attention immediately.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards

No unusual fire or explosion hazards noted.

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Nitrogen oxide. Acids - organic.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

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

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

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

Usage precautions

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

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

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)

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

CARPETCLEAN XL

Disodium metasilicate

Short-term exposure limit (15-minute): SUP 2 mg/m³
SUP = Supplier's recommendation.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Hygiene measures

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

Respiratory protection

Not required in normal use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Green.

Odour

Citrus. Floral.

Odour threshold

Not determined.

pH

pH (concentrated solution): 12.5 pH (diluted solution): 9.5

Melting point

Not determined.

Initial boiling point and range

100°C

Flash point

Not applicable.

Evaporation rate

Not determined.

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

Not determined.

Vapour density

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Not determined.

Relative density

1.08

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

Auto-ignition temperature

Not determined.

Viscosity

5.810-6.017 mPa s @ 20°C

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2. Other information

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

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

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 agents.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Nitrogen oxide. Acids - organic.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

Ingestion may cause: irritation nausea Diarrhoea. May cause chemical burns in mouth and throat. Considered to be a low inhalation hazard at normal workplace temperatures. Excessive exposure may cause respiratory irritation and/or temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache.

Acute toxicity - oral

ATE oral (mg/kg)

3,468.60908776

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l)

CARPETCLEAN XL

19.15708812

Skin corrosion/irritation

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/irritation

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

Skin sensitisation

Contains Limonene

Germ cell mutagenicity

Genotoxicity - in vivo

No effects expected based upon current data.

Carcinogenicity

No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility

No effects expected based upon current data.

CARPETCLEAN XL**Toxicological information on ingredients.****Tetrasodium ethylene diamine tetraacetate****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

1,000.0

Species

Rat

ATE oral (mg/kg)

1,000.0

Acute toxicity - inhalation**ATE inhalation (dusts/mists mg/l)**

1.5

Alcohols C9-11, ethoxylated**Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

300

Acute toxicity - dermal**Acute toxicity dermal (LD50 mg/kg)**

2000

Alcohols, C9-11, ethoxylated**Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

300

Acute toxicity - dermal**Acute toxicity dermal (LD50 mg/kg)**

2000

Disodium metasilicate**Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

1,280

Species

Rat

SECTION 12: Ecological Information**12.1. Toxicity**

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Ecological information on ingredients.

Tetrasodium ethylene diamine tetraacetate

Acute toxicity - fish

LC₅₀, 96 hours: > 100 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: > 100 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC₅₀, 72 hours: > 100 mg/l, Algae

Alcohols C9-11, ethoxylated

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

Acute toxicity - fish

LC₅₀, >: > 10 mg/l,

Acute toxicity - aquatic invertebrates

EC₅₀, >: > 1 mg/l,

Acute toxicity - aquatic plants

IC₅₀, >: > 10 mg/l,

Disodium metasilicate

Acute toxicity - fish

LC₅₀, 96 hours: 210 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 1700 mg/l, Daphnia magna

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

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 substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. 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

UN No. (ADR/RID) 3266

UN No. (IMDG) 3266

14.2. UN proper shipping name

Corrosive liquid, basic, inorganic, N.O.S. (contains disodium trioxosilicate)

14.3. Transport hazard class(es)

ADR/RID class 8

IMDG class 8

14.4. Packing group

ADR/RID packing group III

IMDG packing group III

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 23/03/2015

Revision 2

Supersedes date 05/11/2012

Risk phrases in full

CARPETCLEAN XL

R22 Harmful if swallowed.
R34 Causes burns.
R37 Irritating to respiratory system.
R41 Risk of serious damage to eyes.

Hazard statements in full

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.

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.