



## 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 (office hours 8am to 5pm Monday to Friday)  
Fax: 020 8974 1511  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** 24 hr emergency number +44 1235 239670.  
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 (SI 2019 No. 720)

**Physical hazards** Not Classified

**Health hazards** Skin Corr. 1B - H314 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

**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.

**Environmental** The product is expected to be biodegradable.

#### 2.2. Label elements

# CARPETCLEAN XL

## Hazard pictograms



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

**Detergent labelling** 5 - < 15% EDTA and salts thereof, 5 - < 15% non-ionic surfactants, < 5% anionic surfactants, < 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

<b>Tetrasodium ethylene diamine tetraacetate</b>		<b>5-10%</b>
CAS number: 64-02-8                      EC number: 200-573-9		
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318 STOT RE 2 - H373		
<b>Alcohols C9-11, ethoxylated</b>		<b>5-10%</b>
CAS number: 68439-46-3                      EC number: 614-482-0		
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318		
<b>Alcohols, C9-11, ethoxylated</b>		<b>1-5%</b>
CAS number: 68439-46-3                      EC number: 614-482-0		
<b>Classification</b> Eye Dam. 1 - H318		

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<b>Disodium metasilicate</b>	<b>1-5%</b>
CAS number: 6834-92-0	EC number: 229-912-9
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	

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

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	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.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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

<b>Skin contact</b>	Causes severe skin burns and eye damage.
<b>Eye contact</b>	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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	If swallowed: Get medical attention immediately.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Nitrogen oxide. Acids - organic.

#### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 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

##### Disodium metasilicate

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

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

**Physical state** Clear liquid.

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<b>Colour</b>	Green.
<b>Odour</b>	Citrus. Floral.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 12.5 pH (diluted solution): 9.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.08
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Viscosity</b>	5.810-6.017 mPa s @ 20°C
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

### 9.2. Other information

<b>Other information</b>	None.
<b>9.2.1 – Information regarding physical hazard classes.</b>	Not applicable.
<b>9.2.2 – Other safety characteristics.</b>	None

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not determined.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.
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### 10.5. Incompatible materials

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**Materials to avoid** Strong acids. Strong alkalis. Strong oxidising agents.

### 10.6. Hazardous decomposition products

**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)** 4,450.38

#### Acute toxicity - inhalation

**ATE inhalation (dusts/mists mg/l)** 20.08

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

**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

**Skin sensitisation** Contains Limonene

#### Germ cell mutagenicity

**Genotoxicity - in vivo** No effects expected based upon current data.

#### Carcinogenicity

**Carcinogenicity** No effects expected based upon current data.

#### Reproductive toxicity

**Reproductive toxicity - fertility** No effects expected based upon current data.

### 11.2 Information on Other

#### Hazards

**11.2.1 Endocrine disrupting properties:** Not applicable.

**11.2.2 Information on other hazards** None

### Toxicological information on ingredients.

#### Tetrasodium ethylene diamine tetraacetate

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,000.0

**Species** Rat

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ATE oral (mg/kg) 1,000.0

### Acute toxicity - inhalation

ATE inhalation 1.5  
(dusts/mists mg/l)

### Alcohols C9-11, ethoxylated

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 300.0  
mg/kg)

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0  
mg/kg)

### Alcohols, C9-11, ethoxylated

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0  
mg/kg)

### Disodium metasilicate

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 1,280.0  
mg/kg)

Species Rat

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecological information on ingredients.

### Tetrasodium ethylene diamine tetraacetate

### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: > 100 mg/l, Fish

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC<sub>50</sub>, 72 hours: > 100 mg/l, Algae

### Alcohols C9-11, ethoxylated

### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, : > 10 mg/l,

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, : > 1 mg/l,

Acute toxicity - aquatic plants IC<sub>50</sub>, : > 10 mg/l,

### Alcohols, C9-11, ethoxylated

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### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, : 1-10 mg/l,

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, : 1-10 mg/l,

Acute toxicity - aquatic plants IC<sub>50</sub>, : 1-10 mg/l,

### Disodium metasilicate

### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 210 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 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 The Detergents Regulations (as amended).

### 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

**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** Not applicable.

**12.7 Other Adverse Effects** None

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**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

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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

Supplied in accordance with "Limited Quantity" provisions.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## 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).

### 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** 16/12/2022

**Revision** 6

**Supersedes date** 16/12/2020

**Please note:** Where abbreviations have been used elsewhere the full text has been written below, for the classification of the product please refer to section 2.

**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.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

**Signature** Aaron Saunders

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.