



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

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

CARPETCLEAN XL

Disodium metasilicate	1-5%
CAS number: 6834-92-0	EC number: 229-912-9

Classification

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

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

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.
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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.
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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.
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CARPETCLEAN XL

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/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

Physical state

Clear liquid.

CARPETCLEAN XL

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	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.
<u>9.2. Other information</u>	
Other information	None.
9.2.1 – Information regarding physical hazard classes.	Not applicable.
9.2.2 – Other safety characteristics.	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 and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

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

CARPETCLEAN XL

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 (LD₅₀ mg/kg) 1,000.0

Species Rat

CARPETCLEAN XL

ATE oral (mg/kg) 1,000.0

Acute toxicity - inhalationATE inhalation 1.5
(dusts/mists mg/l)Alcohols C9-11, ethoxylatedAcute toxicity - oralAcute toxicity oral (LD₅₀) 300.0
mg/kg)Acute toxicity - dermalAcute toxicity dermal (LD₅₀) 2,000.0
mg/kg)Alcohols, C9-11, ethoxylatedAcute toxicity - dermalAcute toxicity dermal (LD₅₀) 2,000.0
mg/kg)Disodium metasilicateAcute toxicity - oralAcute toxicity oral (LD₅₀) 1,280.0
mg/kg)

Species Rat

SECTION 12: Ecological information**12.1. Toxicity****Ecological information on ingredients.**Tetrasodium ethylene diamine tetraacetateAcute aquatic toxicityAcute toxicity - fish LC₅₀, 96 hours: > 100 mg/l, FishAcute toxicity - aquatic EC₅₀, 48 hours: > 100 mg/l, Daphnia magna
invertebratesAcute toxicity - aquatic IC₅₀, 72 hours: > 100 mg/l, Algae
plantsAlcohols C9-11, ethoxylatedAcute aquatic toxicityAcute toxicity - fish LC₅₀, : > 10 mg/l,Acute toxicity - aquatic EC₅₀, : > 1 mg/l,
invertebratesAcute toxicity - aquatic IC₅₀, : > 10 mg/l,
plantsAlcohols, C9-11, ethoxylated

CARPETCLEAN XL

Acute aquatic toxicity

Acute toxicity - fish	LC50, : 1-10 mg/l,
Acute toxicity - aquatic invertebrates	EC ₅₀ , : 1-10 mg/l,
Acute toxicity - aquatic plants	IC ₅₀ , : 1-10 mg/l,

Disodium metasilicate

Acute aquatic toxicity

Acute toxicity - fish	LC50, 96 hours: 210 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 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

CARPETCLEAN XL

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.