



## Product Specification &

# SAFETY DATA SHEET

CHIP / EC FORMAT 91/155/EEC AMD 93/112/EC AMD 2001/58/EC



## S710

# TRAFFICLEAN

### SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

**Product Name:** TRAFFICLEAN **Product Code:** S710

**Manufacturer:** Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No: 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S

Website: [www.prochem.co.uk](http://www.prochem.co.uk) Email: [sales@prochem.co.uk](mailto:sales@prochem.co.uk)

**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.

#### Product Description & Directions For Use:

A concentrated formula for pre-spraying and spot cleaning of heavily soiled areas of carpet before extraction cleaning. S710 contains a powerful blend of surfactants and water based solvents for effective soil and grease removal. S710 can also be used as a booster to extraction machine solutions.

General Pre-spray - Dilute 100ml. of S710 per litre of water (1 to 10).

Heavy soil and grease - Dilute 250ml. of S710 per litre of water (1 to 4).

As a booster - Add 10 to 30ml. of S710 per litre of mixed extraction solution in the machine tank. Always pre-test carpet for colour fastness with diluted solution before proceeding. Apply by sprayer to all heavily soiled areas and spots, then agitate with carpet pile brush. Follow up with normal extraction machine cleaning to all pre-treated areas. On wool and woolblend carpets use B109 Fibre & Fabric Rinse as a neutralising rinse solution in the extraction machine tank.

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
2-(2-butoxyethoxy)ethanol	Xi R36	203-961-6	112-34-5	5 to 15%
2-(2-ethoxyethoxy)ethanol	Xi R36	203-919-7	111-90-0	5 to 15%
Tetrapotassium pyrophosphate	Xi R36	230-785-7	7320-34-5	Less than 5%
Alcohol ethoxylate	Xn R22 Xi R41 N R50	None	68131-39-5	Less than 1%
Perfume (IFRA certified)	Xi R43 R52/53	None	None	Less than 1%

### SECTION 3: HAZARDS IDENTIFICATION

**Classification:** Irritating to eyes.

**Eye Contact:** Contact with concentrate may cause eye irritation.

**Skin Contact:** Prolonged or repeated contact with concentrate may cause irritation and possible dermatitis.

**Inhalation:** Excessive exposure to concentrate or atomised spray may produce light-headedness and temporary irritation of the nose and throat.

**Ingestion:** Ingestion of concentrate may produce nausea and irritation due to alkalinity.

**Environment:** Raw materials are biodegradable. Solvent has low aquatic and animal toxicity. See Ecological Information for further detail.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Flush immediately with water for 15 minutes, then seek medical attention if irritation persists.

**Skin Contact:** Flush skin with plenty of water. Seek medical attention if any skin irritation persists.

**Inhalation:** Get fresh air and seek medical assistance if breathing is difficult.

**Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

**Fire/Explosion Hazards:** No explosive hazards.

**Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

**Special Protective Equipment:** None recommended.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Protective clothing, nitrile butyl rubber gloves, chemical splash goggles.

**Containment and Disposal:** Large spills should be treated with dry absorbent and disposed at legal waste disposal site.

Small spills can be flushed with water to sewage drain linked to waste treatment facility.

### SECTION 7: HANDLING AND STORAGE

**Handling Precautions:** Wear nitrile butyl rubber gloves and safety glasses when handling concentrate.

**Storage Precautions:** Avoid extremes of temperature. Keep out of reach of children. Keep in original container. Avoid freezing.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** Workplace exposure limits not assigned by HSE EH/40 or ACGIH.

**Environmental Controls:** For additional guidance, contact ENVIROWISE at [www.envirowise.gov.uk](http://www.envirowise.gov.uk) or telephone 0800 585794

**Eye Protection:** Side shield safety glasses or goggles are recommended when handling concentrate.

**Protective Clothing:** Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

**Respiratory Protection:** Not required. For prolonged spraying a mist and dust mask if sensitive to spray.

**Ventilation:** Normal air circulation. Allow adequate ventilation in enclosed areas.

**Hygiene:** Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Colour/State:** Clear Turquoise Green Liquid

**Odour:** Green mint

**pH Concentrate:** 12.5    **pH Diluted:** 11

**Boiling Point / Range °C:** 100

**Flash Point °C:** None    **Method:** Not applicable

**Flammability Limit %:** Not applicable

**Explosive Properties:** Not applicable

**Oxidising Properties:** Not applicable

**Vapour Pressure:** Not determined

**Relative Density (Water = 1):** 1.03    **Solubility:** 100%

**Partition Coefficient (N-octanol / Water):** Not determined

**Viscosity:** Not determined

**Vapour Density:** Not determined

**Evaporation Rate:** Not determined

**% Active:** 22

**% Solids:** 18

## **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Extremes of temperature.

**Incompatibility (Materials to Avoid):** Concentrated acids and strong oxidising agents.

**Hazardous Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Eye Contact:** Contact with concentrate may produce moderate irritation if not properly rinsed.

**Skin Contact:** Prolonged or repeated contact may cause irritation and possible mild dermatitis.

**Inhalation:** Respiratory irritation from aerosolised wetting agents. Possible CNS effects from overexposure to solvent.

**Ingestion:** Product is alkaline and may produce gastro-intestinal burns and nausea. Possible systemic effects.

**Acute and Chronic Effects:**

**Acute Toxicity:** LD50 >5660mg/Kg (oral-rat) (2-(2-butoxyethoxy)ethanol)

LD50 5600ml/Kg (oral-rat) (2-(2-ethoxyethoxy)ethanol)

**Corrosivity / Irritation:** Skin, eye and respiratory.

**Sensitisation:** None known.

**Repeated Dose Toxicity:** None established.

**Mutagenicity:** None.

**Carcinogenicity:** None.

**Teratogenicity:** None.

## **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Contains less than 1% alcohol ethoxylate which is classified as very toxic to aquatic organisms.

Alcohol Ethoxylate Fish 96H LC50 <1mg/l

**Mobility:** Soluble in water.

**Persistence and Degradability:** The raw material ingredients in this product are biodegradable within the scope of current EC legislation. The surfactant(s) contained in this preparation 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.

The major packaging materials of polyethylene and fibreboard are recyclable.

**Bioaccumulative Potential:** Not known.

**Other Effects:** None known or no relevant data available for substances in this preparation.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.

Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

Contact local Environment Agency office for waste holder requirements.

## **SECTION 14: TRANSPORT INFORMATION**

**UN No:** None

**Classification:** Not classified as hazardous for transport

**Proper Shipping Name:** None

**Packing Group:** None

**Road (ADR):** None

**Sea (IMDG):** None

**Air (ICAO / IATA):** None

**Rail (RID):** None

## **SECTION 15: REGULATORY INFORMATION**

**Classification:** Xi IRRITANT

**Risk Phrases**

R36 Irritating 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 Wear suitable gloves

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended), **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

## **SECTION 16: OTHER INFORMATION**

**Risk Phrases:** R22 Harmful if swallowed. R36 Irritating to eyes.

R41 Risk of serious damage to eyes. R43 May cause

sensitisation by skin contact. R50 Very toxic to aquatic organisms. R52 Harmful to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment.

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.

**Revisions:** Replaces SDS S710 Issue / Revision Date 01/11/03

Revised Sections: 1, 2, 3, 8, 11, 12, 13, 15, 16