



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT 1907/2006 AMD 93/112/EC AMD 2001/58/EC

S775

EXTRACTION PRO



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

Product Name: EXTRACTION PRO **Product Code:** S775
Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours only): 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S
Website: www.prochem.co.uk **Email:** 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:
 S775 Extraction Pro is a professional low foam detergent concentrate, specially formulated for use in hot water carpet soil extraction machines. Extraction Pro is suitable for use on most types of carpets, subject to proper pre-testing as directed.
Portable machines: Dilute 10ml of S775 per litre of hot water (1:100) in the machine solution tank.
Truck-mount units: Dilute 1 litre of S775 in 4 litres of water (1 to 4) to make metering concentrate. Set flow meter at 2 to 4 GPH (1:100)
Always pretest carpet for colour fastness with diluted solution before proceeding.
 Wool carpets and those with unstable dyes should be tested and extraction rinsed with B109 Fibre & Fabric Rinse according to label directions.
 Apply S709 Multi Pro to all heavily soiled areas, according to label directions.
 In case of foam from previous shampoo, add S760 Liquid Defoamer to the machine recovery tank.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified.
Eye Contact: Contact with concentrate may cause eye irritation.
Skin Contact: Prolonged or repeated contact with concentrate may cause mild irritation.
Inhalation: None expected in normal use.
Ingestion: Ingestion of concentrate may produce mild nausea and internal irritation due to alkalinity.
Environment: Raw materials are biodegradable. See Ecological Information for further details.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE | RISK (See Section 16) | EINECS NO. | CAS NO. | % W/W (EC RANGE) |
|---|-----------------------|------------|------------|------------------|
| Sodium carbonate | Xi R36 | 207-838-8 | 497-19-8 | Less than 5% |
| C9-11 alcohol ethoxylate with 9MEO | Xn R22 Xi R41 | None | 68439-45-2 | Less than 5% |
| Sodium xylene sulphonate | Xi R36/37/38 | 215-090-9 | 1300-72-7 | Less than 5% |
| Tetrasodium ethylenediaminetetraacetate | Xn R22 Xi R41 | 200-573-9 | 64-02-8 | Less than 5% |
| Tetrapotassium pyrophosphate | Xi R36 | 230-785-7 | 7320-34-5 | Less than 5% |

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: None required.
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 explosion hazard.
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.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Occupational exposure limits not assigned by HSE EH/40 or ACGIH.
Environmental Controls: For additional guidance, contact ENVIROWISE at 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.
Ventilation: Normal air circulation.
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: Fluorescent green liquid
Odour: Citrus refresh
pH Concentrate: 10.8
pH Diluted: 8.5
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): 1.08
Solubility: 100%
Partition Coefficient (N-octanol / Water): Not determined
Viscosity: Not determined
Vapour Density: Not determined
Evaporation Rate: Not determined
% Active: 10.9
% Solids: 13

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extremes of temperature.
Incompatibility (Materials to Avoid): Strong acids.
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 transient irritation if not properly rinsed.
Skin Contact: Prolonged or repeated contact may cause irritation.
Inhalation: No health effects expected.
Ingestion: Concentrated product is alkaline and may produce gastro-intestinal irritation and nausea. Low oral toxicity.
Acute and Chronic Effects:
Acute Toxicity: LD50 200-2000mg/kg (oral-rat) (C9-11 alcohol ethoxylate with 9MEO)
LD50 >2000mg/kg (dermal-rat) (C9-11 alcohol ethoxylate with 9MEO)
LD50 >2000mg/kg (oral-rat) (sodium xylene sulphonate)
LD50 >1740mg/kg (oral-rat) tetrasodium ethylenediaminetetraacetate)
LD50 >2000mg/kg (oral-rat) (tetrapotassium pyrophosphate)
Corrosivity / Irritation: Skin, eye and respiratory
Sensitisation: This product contains limonene.
Repeated Dose Toxicity: Not established
Mutagenicity: None
Carcinogenicity: None
Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: EC50 48h 1-10mg/l (daphnia) (C9-11 alcohol ethoxylate with 9MEO)
LC50 96h 10-100mg/l (fish) (C9-11 alcohol ethoxylate with 9MEO)
IC50 72h 10-100mg/l (algae) (C9-11 alcohol ethoxylate with 9MEO)
LC50 24h >500mg/l (daphnia) (tetrasodium ethylenediaminetetraacetate)
LC50 96h >100mg/l (fish) (tetrasodium ethylenediaminetetraacetate)
Mobility: Soluble in water.
Persistence and Degradability: 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

Cleaning waste 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: Not classified as hazardous for supply.

Risk Phrases

None.

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 **REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) REGULATIONS** (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
R37 Irritating to respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes.
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 S775 Issue / Revision Date 01/10/05
Revised Sections: 1, 2, 3, 4, 9, 11, 12, 13, 15.