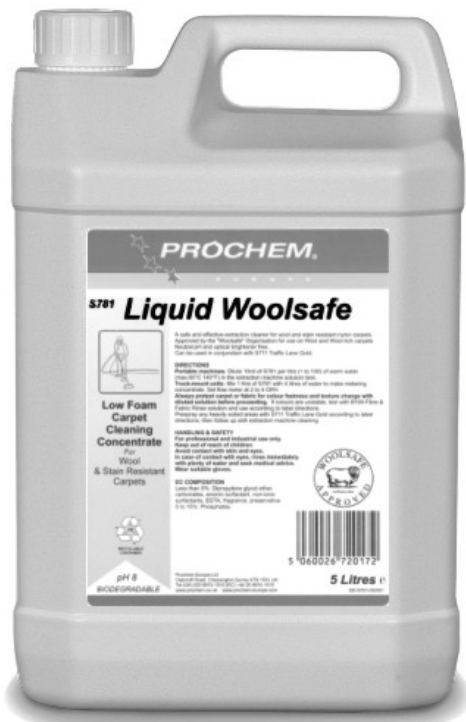




**Product Specification &**

**SAFETY DATA SHEET**

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



**S781**

**LIQUID WOOLSAFE**

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

**Product Name:** LIQUID WOOLSAFE **Product Code:** S781  
**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

**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 safe and effective extraction cleaner for wool and stain resistant nylon carpets. Approved by the "Woolsafe" Organisation for use on Wool and Wool-rich carpets. Controlled pH and optical brightener free.

Can be used in conjunction with B107 Prespray Gold.

**Portable machines:** Dilute 10ml of S781 per litre (1 to 100) of warm water (max. 60°C 140°F) in the extraction machine solution tank.

**Truck-mount units:** Mix 1 litre of S781 with 4 litres of water to make metering concentrate. Set flow meter at 2 to 4 GPH

**Always pretest carpet or fabric for colour fastness and texture change with diluted solution before proceeding.** If colours are unstable, test with B109 Fibre & Fabric Rinse solution and use according to label directions.

Prespray any heavily soiled areas with B107 Prespray Gold according to label directions, then follow up with extraction machine cleaning.



**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Water	None assigned	None	None	More than 30%
Ethyl diglycol	Xi R36	203-919-7	111-90-0	Less than 5%
Phosphate	Xi R36	230-785-5	7320-34-5	Less than 5%
Phosphate	None assigned	None	7758-29-4	Less than 5%
Anionic surfactant	Xi R41 N R51/53	253-040-8	036445-71-3	Less than 5%
Non-ionic surfactant	Xn R22 Xi R41	None	68439-45-2	Less than 5%
Carbonates	None assigned	205-633-8	144-55-8	Less than 5%
Non-ionic surfactant	-	-	-	Less than 1%
EDTA	-	-	-	Less than 1%
Fragrance (IFRA certified)	-	-	-	Less than 1%
Preservative	-	-	-	Less than 1%
Dye	-	-	-	Less than 1%

**SECTION 3: HAZARDS IDENTIFICATION**

**Classification:** Not classified.

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

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

**Inhalation:** None expected.

**Ingestion:** Ingestion of concentrate may produce nausea and internal irritation.

**Environment:** Raw materials are biodegradable. Contains less than 5% anionic surfactant which is classified as toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. See Ecological Information for further details.

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Flush immediately with water for 10 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](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.

**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:** Clear amber liquid

**Odour:** Lemon floral

**pH Concentrate:** 9.5

**pH Diluted:** 8

**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:** 19.45

**% Solids:** 16

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

**Stability:** Stable

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

**Incompatibility (Materials to Avoid):** Strong acids and 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 transient irritation if not properly rinsed.

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

**Inhalation:** No health effects expected.

**Ingestion:** Product is mildly alkaline and may produce gastrointestinal irritation and nausea. Solvent has low oral toxicity but may produce systemic effects if large quantity is swallowed.

**Acute and Chronic Effects:**

**Acute Toxicity:** LD50 5.6ml/Kg (oral-rat) (Ethyl diglycol)

LD50 4.2ml/Kg (skin-rabbit) (Ethyl diglycol)

LD50 >200<2000mg/Kg (oral-rat) (alcohol ethoxylate)

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

**Sensitisation:** None Known

**Repeated Dose Toxicity:** Not established

**Mutagenicity:** None

**Carcinogenicity:** None

**Teratogenicity:** None

## **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Contains less than 5% anionic surfactant which is classified as toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Anionic surfactant    Fish LC50 3.6 – 5.0mg/l

Daphnia LC50 1.5mg/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 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 discharged to a sewage drain, which is linked to a local sewage and waste treatment facility.

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 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) 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. R51 Toxic 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 S781 Issue / Revision Date 01/03/03 Revised Sections: 1, 2, 3, 8, 11, 12, 15, 16