



## Product Specification &

# SAFETY DATA SHEET

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

## A232

# SUPERCLEAN



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

**Product Name:** SUPERCLEAN **Product Code:** A232

**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:**

A quick drying non-residual spray cleaner for glass, plastics, laminate floors and most hard surfaces. Superclean contains a blend of special surfactant and alcohol to quickly remove soils and grease without leaving streaks, smears or residue. For best results on heavy soil, glass and residue sensitive surfaces, use Superclean undiluted. For general surface cleaning, Superclean may be diluted with an equal part of water.

Always pretest surface to be cleaned before proceeding.

Apply solution with spray applicator, then wipe with absorbent cloth or towel. For flooring, lightly apply by spray applicator then absorb with flat mop or microfibre flat mop or bonnet.

### SECTION 2: HAZARDS IDENTIFICATION

**Classification:** Not classified.

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

**Skin Contact:** Prolonged contact may cause mild irritation and drying of skin.

**Inhalation:** None expected in normal use. Breathing spray mists may cause temporary irritation of the nose and throat.

**Ingestion:** Deliberate ingestion may produce nausea and drowsiness and possible systemic effects.

**Environment:** No cumulative effects. Raw materials are biodegradable. Low aquatic and mammalian toxicity. 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)
Propan-2-ol	F R11 Xi R36 R67	200-661-7	67-63-0	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:** Wash skin with soap and water. Seek medical attention if any skin irritation persists.

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

**Ingestion:** Seek immediate medical attention. Do not give anything by mouth if patient is unconscious. **DO NOT INDUCE VOMITING.**

### 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:** None.

**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:** Nitrile butyl rubber gloves and safety glasses are recommended for professional / industrial use.

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

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** Propan-2-ol WEL-LTEL 400ppm (skin) WEL-STEL 500ppm (skin)

**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 are recommended during prolonged spray applications.

**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:** For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a dust mask is recommended.

**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:** Turquoise green liquid  
**Odour:** Mild  
**pH:** 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):** 1.0    **Solubility:** 100  
**Partition Coefficient (N-octanol / Water):** Not determined  
**Viscosity:** Not determined  
**Vapour Density:** Not determined  
**Evaporation Rate:** Not determined  
**% Active:** 2.009  
**% Solids:** Not applicable

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

**Stability:** Stable  
**Conditions to Avoid:** Extremes of temperature. Extreme heat can refract solvent content.  
**Incompatibility (Materials to Avoid):** 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 promptly rinsed.  
**Skin Contact:** Possible defatting from prolonged or repeated contact. Low skin absorption toxicity.  
**Inhalation:** Excessive exposure may produce respiratory irritation and mild nervous system effects.  
**Ingestion:** Low oral toxicity. Deliberate ingestion of large amounts may produce systemic effects and possible injury.  
**Acute and Chronic Effects:**  
**Acute Toxicity:** LD50 5840 mg/kg (Oral-rat) (propan-2-ol)  
LD50 >12800 mg/kg (Skin-rabbit) (propan-2-ol)  
LC50 4h 47-73mg/l (inhalation-rat) (propan-2-ol)  
**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:** Low aquatic and mammalian toxicity.  
LC50 24h >10000mg/l (daphnia) (propan-2-ol)  
EC50 48h 4600mg/l (daphnia) (propan-2-ol)  
LC50 96h 9600mg/l (fathead minnow) (propan-2-ol)  
**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:** None 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**

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:** R11 Highly flammable R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.

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 A232 Issue / Revision Date 01/06/07  
Revised Sections: 1, 2, 3, 8, 15.