

All surfactants used in this product comply with the current European/GB Regulations concerning Biodegradability and protection of the environment.

Product Information

SUPREME

Automatic Glass/Dish-wash Machine Descaler

- Effective at removing limescale & general soiling
- For use in all types of automatic dish and glass washing machines
- Stainless steel friendly
- Can be used to descale a variety of kitchen equipment

Product Description:

Supreme is specially formulated to remove limescale and soiling from all automatic glass-wash and dish-wash machines. Supreme is a highly concentrated and economical product which can also be used to clean and descale other kitchen equipment such as coffee urns, bain maries and boilers. Supreme is safe to use on many surfaces including stainless steel equipment.

Directions and Dilutions:

- **Glass/Dish-wash Machines** – Switch off dosing pump. Fill the machine with clean water; prepare a 5% solution by pouring Supreme into the machine at a ratio of 2 litres per 40 litre capacity. Leave to stand for 2-3 minutes. Switch on the machine and circulate the solution for between 5- 10 minutes. Drain the solution and refill with fresh water. Circulate the water for a further 3 minutes and drain. Air-dry the machine by leaving the machine door open. Switch on dosing pumps.
- **Descaling Bain Maries, Boilers, Tea & Coffee Urns** – Dilute 1:25 parts warm water (200ml per 5L). Pour this solution into the vessel and allow 5-10 minutes for the solution to work. Drain the solution and if necessary use a stiff scrubbing brush on remaining limescale. Descale on a regular basis to maintain efficiency of the machine and extend the life of the heating element.

Useful Information:

Product characteristics: Clear liquid, unperfumed

Storage: Store in the original sealed container and protect from extremes of temperature

Availability: Available in 10 litre boxes

Composition: Contains a blend of phosphoric acid, amphoteric & non-ionic surfactants

For any further information on this product or any other Sky Chemicals (UK) product, please contact us and we will be more than willing to help.

Sky Chemicals (UK) Ltd, Unit 12 Sheffield Design Studios, 40 Ball Street, Sheffield S3 8DB

Tel: 0114 278 0222

www.skychemicals.co.uk
Registered in England and Wales No: 07209524
VAT Number: 991 1891 84

Fax: 0114 272 7750

Safety Data

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

1.1) Product identifier

Product Name: SUPREME

1.2) Relevant identified uses of the substance or mixture and uses advised against:

Use of substance / mixture: Professional Use Only

1.3) Details of the supplier of the safety data sheet.

Company name: SKY CHEMICALS (UK) LTD, UNIT 12, SHEFFIELD DESIGN STUDIOS, 40 BALL STREET, SHEFFIELD, S3 8DB

Tel: 0114 2780222

Fax: 0114 2727750

Email: info@skychemicals.co.uk

1.4) Emergency telephone number

Emergency tel: 0114 278 0222 (in office hour only)

2. HAZARDS IDENTIFICATION

2.1) Classification of the substance or mixture

Classification under CLP: Skin Corr. 1B: H314

Most important adverse effects: Causes burns.

2.2) Label elements

Hazard statements: H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms:



Precautionary statements: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up. P501: Dispose of contents/container to hazardous or special waste collection point.

2.3) Other hazards

Other hazards: INCOMPOSITION/INFORMATION ON INGREDIENTS

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1) Substances:

3.2) Mixtures

ORTHOPHOSPHORIC ACID

EINECS	CAS	WEL	CLP Classification	Percent
231-633-2	7664-38-2	-	Skin Corr. 1B: H314	10-30%

4. FIRST AID MEASURES

4.1) Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

4.2) Most important symptoms and effects, both acute and delayed

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed/Immediate Effects: Immediate effects can be expected after short-term exposure.

4.3) Indication of any immediate medical attention and special treatment needed

Immediate / special treatment:

5. FIRE FIGHTING MEASURES

5.1) Extinguishing media:

5.2) Special hazards arising from the substance or mixture

5.3) Advice for fire-fighters:

6. ACCIDENTAL RELEASE MEASURES

6.1) Personal precautions, protective equipment and emergency procedures:

6.2) Environmental precautions:

6.3) Methods and material for containment and cleaning up

6.4) Reference to other sections:

7. HANDLING AND STORAGE

7.1) Precautions for safe handling

7.2) Conditions for safe storage, including any incompatibilities

7.3) Specific end use(s):

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1) Control parameters

Workplace exposure limits:

State	8 hour TWA	15min. STEL	8 hour TWA	15 min STEL

DNEL/PNEC Values:

8.2) Exposure controls

Engineering measures:

Respiratory protection:

Hand protection:

Eye protection:

Skin protection:

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1) Information on basic physical and chemical properties

State:

Colour:

Odour:

Evaporation rate:

Solubility in water:

Viscosity:

Boiling point/range°C:

Flash point/Rang°C:

9.2) Other information:

10. STABILITY AND REACTIVITY

10.1) Reactivity:

10.2) Chemical stability:

10.3) Possibility of hazardous reactions

Hazardous reactions:

10.4) Conditions to avoid:

10.5) Incompatible materials

Materials to avoid:

10.6) Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

11.1) Information on toxicological effects

Safety Data

Hazardous ingredients:

				mg/kg
				mg/kg

Relevant hazards for product:

Effect	Route	Basis

Symptoms / routes of exposure

Skin contact:

Eye contact:

Ingestion:

Inhalation:

Delayed / immediate effects:

12. ECOLOGICAL INFORMATION

12.1) Toxicity

Ecotoxicity values:

12.2) Persistence and degradability:

12.3) Bioaccumulative potential:

12.4) Mobility in soil:

12.5) Results of PBT and vPvB assessment

PBT identification:

12.6) Other adverse effects:

13. DISPOSAL CONSIDERATIONS

13.1) Waste treatment methods

Disposal operations:

NB:

14. TRANSPORT INFORMATION

14.1) UN number:

14.2) UN proper shipping name: CORROSIVE LIQUID, N.O.S.

14.3) Transport hazard class(es): 8

14.4) Packing group: I

14.5) Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6) Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 1

15. REGULATORY INFORMATION

15.1) Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations:

15.2) Chemical Safety Assessment:

16. OTHER INFORMATION

Other information:

Phrases used in s.2 and s.3:

Legend to abbreviations:

Legal disclaimer: