



# Clemas & Co Ltd

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## Detergent Degreaser

### Hard Surface Cleaner

**PRODUCT CODE: S4TCF**

### Product Description

A concentrated, non-caustic, low odour, cleaning and degreasing agent for hard surfaces. Removes dirt, oil, grease, wax, ink, fat, atmospheric films and smoke stains. Ideal for use on tiles, concrete, stainless steel, plastics and composites.

### Directions

For very heavy degreasing, apply neat, leave on a few minutes and wipe off with a damp cloth. For general duty cleaning use a 1-10% solution depending on the degree of soiling. Apply with a mop, sponge or cloth, remove excess solution and rinse where necessary. Do not allow the cleaning solution to dry on. Please refer to product safety data sheet before use. Use only as directed.

### Health and Safety

CHIP Classification: Irritant.

R36/38 Irritating to eyes and skin.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S2 Keep out of reach of children.

R34 Causes burns.

## PRODUCT SAFETY DATA SHEET

### IDENTIFICATION

**Product Name:** Detergent Degreaser  
**Description:** Hard surface cleaner  
**Code:** S4TCF  
**Supplier:** Clemas & Company Limited  
Units A3 & A4  
Northway Trading Estate  
Tewkesbury  
Glos GL20 8JH  
Tel: 01684 850777  
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### COMPOSITION/INFORMATION INGREDIENTS

Sodium metasilicate	6834-92-0	5-15%	C R34
Sodium carbonate	497-19-8	1-5%	Xi R36
Anionic surfactant	13150-00-0	1-5%	X1 R36/38

### HAZARDS IDENTIFICATION

**CHIP CLASSIFICATION:** Irritant  
**EYE HAZARD:** Will cause irritation.  
**SKIN HAZARD:** Will cause irritation.  
**RESPIRATORY HAZARD:** Not a hazard in normal use.  
Breathing Spray mist may cause irritation.  
**FLAMMABILITY:** Not combustible  
**OTHER:** Not applicable

### FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance at once.  
**SKIN CONTACT:** Remove contaminated clothing. Wash skin with water and seek medical attention if irritation persist.  
**INHALATION:** If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.  
**INGESTION:** Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

**FIRE FIGHTING MEASURES:** Not applicable

**ACCIDENTAL RELEASE:** Small quantities; flush to foul sewer with a large quantity of water. Large spills; contain and absorb or pump into containers for disposal.

**HANDLING & STORAGE:** Store in a cool, dry place, protected from frost and away from alkalis and strong oxidising agents. Store upright in original containers. Shelf life: 24 months in good condition.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

These measures are suggested on the basis of general use methods and may not be appropriate to all potential users of the product. The user responsible for carrying out a full risk assessment of their specific processes and systems of work.

**EYE PROTECTION:** Wear chemical splash goggles to BS EN 166 34B.

**HAND PROTECTION:** Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments.

**BODY PROTECTION:** As necessary to prevent contact.

**RESPIRATORY PROTECTION:** Use in a well ventilated area, avoid breathing spray mist, wear a protective mask to EN149 if necessary.

### PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Translucent Yellow Liquid  
**Odour:** Mild, characteristic.  
**pH:** 10.6 1% in water (typical)  
**Boiling Point:** 100°C  
**Melting Point:** Not applicable  
**Flash Point:** Not applicable  
**Auto-ignition temp:** Not applicable  
**Explosive properties:** Not applicable  
**Oxidising properties:** Not applicable  
**Vapour pressure:** 17.5 mm Hg at 20°C  
**Relative density at 20°C (typical):** 1,082  
**Solubility:** Miscible with water  
**Viscosity:** Free flowing

### STABILITY & REACTIVITY

**Conditions to avoid:** Extremes of temperature.  
**Materials to avoid:** Incompatible with strong oxidising agents and acids.  
**Hazardous decomposition products:** None known.

### TOXICOLOGICAL INFORMATION

**Eye Contact:** Will cause irritation  
**Skin Contact:** Will cause irritation  
**Inhalation:** Not a hazard in normal use. Breathing fine mist may cause irritation.  
**Ingestion:** Moderate toxicity. Will cause irritation to gastro-intestinal tract due to acidity.  
**Long Term:** Based on current knowledge no long term effects are anticipated if used correctly

### ECOLOGICAL INFORMATION

Water based product. All organic ingredients are biodegradable when well diluted. May affect aquatic organisms due to high pH if released into water courses untreated.

### DISPOSAL CONSIDERATIONS

Process effluent can normally be discharged to foul sewer (subject to consent limits). Large quantities: dispose via a licensed chemical waste contractor. Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.

**TRANSPORT INFORMATION:** Not classified for transport

### REGULATORY INFORMATION

**CHIP Classification:** Irritant  
Please see front of chemical data sheet.

This product should be stored, handled and use in accordance with good industrial practice and in conformity with legal regulations. The information this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements are thus should not be constructed as guaranteeing specific properties. It is for the users to satisfy themselves of the suitability of this product for their own applications.