



# Clemas & Co Ltd

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## PowerScrub 22

**Citrus activated low foam detergent**

**PRODUCT CODE: D2PS22**

### Product Description

Power Scrub 22 is a powerful cleaner and degreaser based on natural citrus oils. This product is designed for use in floor scrubbing machines and contains a carefully selected blend of low-foam detergents to ensure high performance cleaning with the minimum of foam. This product is suitable for use on marble, terrazzo, thermoplastic, concrete and tiled floors.

### Directions

Use at a concentration of 1-5% for light soiling, 5-20% for heavy soiling. Please refer to product safety data sheet before use. Use only as directed.

### Health and Safety

CHIP Classification: Irritant, dangerous for the environment.

R36/38 Irritating to eyes and skin.

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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 children.

R50 Very toxic to aquatic organisms.

R22 Harmful if swallowed

R10 Flammable

## PRODUCT SAFETY DATA SHEET

### IDENTIFICATION

**Product Name:** Power Scrub 22  
**Description:** Citrus activated low foam cleaner  
**Product Code:** D2PS22  
**Supplier:** Clemas & Company Limited  
Unit 5 Ashchurch Business Centre  
Alexandra Way  
Tewkesbury  
Glos GL20 8NB  
Tel: 01684 850777  
Fax: 01684 850707

### COMPOSITION/INFORMATION INGREDIENTS

Nonionic surfactant	68131-31-5	1-5%	
			Xn R22 Xi R36/38 N R50
Nonionic surfactant	69227-21-0	1-5%	N R 50
Citrus Terpenes	8028-48-6	1-5%	
			F R10 Xi R38 N R50/53
Trisodium nitrilotriacetate	5064-31-3	1-5%	Xi R36
Anionic surfactant	1300-72-7	5-15%	Xi R36

### HAZARDS IDENTIFICATION

**CHIP CLASSIFICATION:** Irritant, dangerous for the environment.

**EYE HAZARD:** Will cause irritation.

**SKIN HAZARD:** Prolonged or repeated contact may cause irritation, dryness.

**RESPIRATORY HAZARD:** Not a hazard in normal use.

**FLAMMABILITY HAZARD:** 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 soap and water. Seek medical assistance if irritation persists.

**INHALATION:** Not applicable.

**INGESTION:** Do not induce vomiting. If conscious, give water to drink and seek medical assistance immediately.

**FIRE FIGHTING MEASURES:** Not applicable

### ACCIDENTAL RELEASE MEASURES

Small quantities; flush to foul sewer with a large quantity of water.

Large quantities; contain and absorb or pump into suitable containers for disposal.

Spillage will make floors slippery.

**HANDLING & STORAGE:** Store in a cool, dry place, protected from frost and away from acids and strong oxidising agents.

Store upright in original containers.

Shelf life: 24 months in good conditions.

### 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 eye protection to BS EN 166 1F if splashing is likely.

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

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

**RESPIRATORY PROTECTION:** Not applicable.

### OCCUPATIONAL EXPOSURE LIMIT

Citrus terpenes	100ppm	OES 8 hour TWA
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### PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Yellow Liquid

**Odour:** Citrus.

**pH:** 8.8 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):** 1.041

**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:** Prolonged or repeated contact may cause irritation/dryness.

**Inhalation:** Not a hazard in normal use.

**Ingestion:** Moderate toxicity. Will cause irritation to gastro-intestinal tract.

**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 if released into water courses untreated.

### DISPOSAL CONSIDERATIONS

Process effluent can normally be discharged to foul sewer (subject to consent limits). Dispose of surplus product and packaging via a licensed chemical waste contractor.

### TRANSPORT INFORMATION

Not classified for transport

### REGULATORY INFORMATION

**CHIP Classification:** Irritant

Please see front of data sheet for more information.

This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information on 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 and should not be construed as guaranteeing specific properties. It is for the users to satisfy themselves of the suitability of this product for their own applications.

D2PS22. Friday, May 21, 2010