



Clemas & Co Ltd

Units A3 & A4, Northway Trading Estate, Northway Lane, Tewkesbury, Glos. GL20 8JH

Tel: 01684 850777

Fax: 01684 850707

E-mail: info@clemas.co.uk

www.clemas.co.uk

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
Units A3 & A4
Northway Trading Estate
Tewkesbury
Glos GL20 8JH
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. Monday, February 11, 2008