



Clemas & Co Ltd

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PowerScrub 1

Low Foam Microbiocidal

Power Scrub 1

PRODUCT CODE: D2PS1

Product Description

Power Scrub 1 is a specially formulated low foam product for use in power scrubbing machines. Power Scrub 1 has bactericidal properties and will kill a wide range of harmful micro organisms. When tested at 5%, this product meets the requirements of BS EN 1276.

This product is designed for use in a wide range of industrial areas including the food industry.

Directions

Working concentrations are between 1 and 5% in water, depending on the level of soiling.

Please refer to product safety data sheet before use. Use only as directed.

Health and Safety

CHIP Classification: This product is not classified as dangerous under CHIP regulations.

S24/25 Avoid contact with skin and eyes.

S2 Keep out of reach of children.

R34 Causes burns.

R22 Harmful if swallowed.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed

R36/38 Irritating to eyes and skin.

PRODUCT SAFETY DATA SHEET

IDENTIFICATION

Product Name: Power Scrub 1
Description: Low foam microbiocidal detergent.
Product Code: D2PS1
Supplier: Clemas & Company Limited
Unit 5 Ashchurch Business Centre
Alexandra Way
Tewkesbury
Glos GL20 8NB
Tel: 01684 850777
Fax: 01684 850707

COMPOSITION/INFORMATION INGREDIENTS

Benzalkonium Chloride 61789-71-7 0-1% C R34 R22
2,2'-iminodiethanol 111-42-2 1-2% Xn R48/22 R36/38

HAZARDS IDENTIFICATION

CHIP CLASSIFICATION: This product is not classified as hazardous under CHIP regulations.

EYE HAZARD: Will cause discomfort.

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

RESPIRATORY HAZARD: Not a hazard in normal use.

FLAMMABILITY: Not combustible

FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance if irritation persists.

SKIN CONTACT: Remove contaminated clothing. Wash skin with water and seek medical attention if irritation persists.

INHALATION: Not applicable.

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

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 pvc or latex gloves. Exact choice of glove depends on specific risk assessments.

BODY PROTECTION: As necessary to prevent contact.

RESPIRATORY PROTECTION: Not applicable.

Occupational exposure limit

2,2'-iminodiethanol 13mg/m³ OES 8 hour TWA

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear Blue Liquid

Odour: Mild, characteristic.

pH: 9.1 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): 1.014

Solubility: Miscible with water

Viscosity: Free flowing

STABILITY & REACTIVITY

Condition to avoid: Extremes of temperature.

Materials to avoid: None known.

Hazardous decomposition products: None known.

TOXICOLOGICAL INFORMATION

Eye Contact: Will cause discomfort

Skin Contact: Prolonged or repeated contact may cause irritation and dryness

Inhalation: Not a hazard in normal use.

Ingestion: Moderate toxicity, will cause irritation of 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. This product has microbiocidal properties. Large quantities may affect biological treatment plants.

DISPOSAL CONSIDERATIONS

Small quantities of product can be diluted to 1% with water and processed in a biological treatment plant. 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: Not classified.

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.

D2PS1. Friday, May 21, 2010