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PowerScrub 4

Heavy duty low foam detergent

PRODUCT CODE: D2PS4

Product Description

Power Scrub 4 is a heavy duty alkaline detergent designed to operate with the minimum of foam. PS4L is particularly suitable for use in scrubber/drier machines for the removal of difficult soils from any floor surface that is compatible with alkaline cleaners.

Directions

Add to the detergent tank of the machine. A solution of 1-5% is effective for most heavy duty cleaning operations.

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.

R35 Causes severe burns.

R50 Very toxic to aquatic organisms.

R41 Irritating to eyes and skin.

R22 Harmful if swallowed.

PRODUCT SAFETY DATA SHEET

IDENTIFICATION

Product Name: Power Scrub 4
Description: Heavy duty low foam detergent
Product Code: D2PS4
Supplier: Clemas & Company Limited
Unit 5 Ashchurch Business Centre
Alexandra Way
Tewkesbury
Glos GL20 8NB
Tel: 01684 850777
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COMPOSITION/INFORMATION INGREDIENTS

Sodium hydroxide	1310-73-2	0.5-2%	C R35
1-methoxypropan-2-ol	107-98-2	1-5%	OEL
Nonionic surfactant	69227-21-0	1-5%	N R50
Nonionic surfactant	68131-39-5	1-5%	

Xn R22 R41 N R50

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 soap and water. Seek medical attention if irritation persists.
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 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 alkalis 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 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.

OCCUPATIONAL EXPOSURE LIMIT

Sodium hydroxide	2mg/m ³	OES 15 min STEL
1-Methoxypropan-2-ol	375 mg/m ³	MEL 8 hour TWA

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red Liquid
Odour: 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): 1.023
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 spray mist may cause irritation.
Ingestion: Moderate toxicity. Will cause irritation and damage to gastro-intestinal tract due to alkalinity.
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.

Volatile Organic Content: 4.8% w/w 49.104 g/lt

DISPOSAL

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

Transport classification: Not classified

REGULATORY INFORMATION

CHIP Classification: Irritant.
Please see information on front of data sheet.

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.

D2PS4. Friday, May 21, 2010