



# Clemas & Co Ltd

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## PowerScrub 5

**High power solvent activated cleaner**

**PRODUCT CODE: D2PS5**

### Product Description

Power Scrub 5 is an effective blend of powerful solvents, emulsifiers and cleaning chemicals. It rapidly removes industrial soiling or heavy deposits of oil and grease.

### Directions

For heavy deposits on floors, use 20% solution in water. Apply to the area to be cleaned and agitate with a stiff brush. Leave for 5-10 minutes and scrub using power equipment. Repeat if necessary.

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

### Health and Safety

CHIP Classification: Corrosive

R34 Causes Burns

R52/53 Harmful 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.

S28 After contact with skin, wash immediately with plenty of water and seek medical advice.

S2 Keep out of reach of children

R36/38 Irritating to eyes and skin.

R10 Flammable.

R65 Harmful, may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

## PRODUCT SAFETY DATA SHEET

### IDENTIFICATION

**Product Name:** Power Scrub 5  
**Description:** High power solvent activated cleaner  
**Product Code:** D2PS5  
**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 metasilicate	6834-92-0	5-15%	C R34
Anionic surfactant	13150-00-0	1-5%	Xi R36/38
Hydrocarbon solvent	8008-20-6	5-15%	Xn R65 R10 R66 N R51/53
Dipentene	68956-56-9	<0.15%	Xi R43 R38 N R50/53

### HAZARDS IDENTIFICATION

**CHIP CORROSIVE:** Corrosive

**EYE HAZARD:** Causes burns.

**SKIN HAZARD:** Causes burns. Can produce an allergic reaction.

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

Excessive exposure may cause irritation of the respirator tract, headache, dizziness and nausea.

**FLAMMABLE:** 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.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with soap and water. Seek medical attention immediately.

**INHALATION:** In case of overexposure, 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 MEASURES:

Absorb using sand or other inert material and transfer to suitable containers for disposal.

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

Shelf life: 24 months in good conditions.

### EXPOSURE CONTROL/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 a full face visor to BS EN 166 39B.

**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:** Use in a well ventilated area.

**OTHER PROTECTIVE MEASURES:** Not applicable.

### OCCUPATIONAL EXPOSURE LIMIT:

Hydrocarbon solvent 600mg/m<sup>3</sup> OES 8 hour TWA

### PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Translucent to opaque brown liquid.

**Odour:** Characteristic, solvent

**pH:** 11.2 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):** 1.056

**Solubility:** Dispersible in 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:** Causes burns.

**Skin Contact:** Causes burns. Can produce an allergic reaction.

**Inhalation:** Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.

**Ingestion:** Moderate toxicity. Will cause irritation and damage to gastro-intestinal tract due to alkalinity.

**Long Term:** Based on current knowledge, not long term effects anticipated if used correctly.

### ECOLOGICAL INFORMATION

Product is expected to biodegrade. May affect aquatic organisms due to high pH and hydrocarbon content 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

Transport Classification: Corrosive.

### REGULATORY INFORMATION

CHIP Classification: Corrosive

Please see front of chemical data sheet for further information.

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.

D2PS5. Friday, May 21, 2010