



Clemas & Co Ltd

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Quadrapower 108

The ultimate high pressure detergent.

PRODUCT CODE: Q1108

Product Description

QUADPOWER 108 is a top of the range extreme duty, high pressure detergent. It is ideal for the removal of traffic film from all types of vehicles, degreasing of engines, chassis and components. This powerful cleaner also excels in all areas of industrial cleaning, particularly building exteriors and floors.

Directions

Optimum working concentration is around 0.25% at the point of application, with hot or cold water. QUADPOWER 108 can be diluted with around six equal volumes of water before placing it in the detergent tank. For safety and economy, adjust the detergent feed to be just sufficient for the required cleaning action. Minimise contact with alkali sensitive surfaces. Rinse the cleaned surface with water, not allowing the cleaning solution to dry on. Machine manufacturers recommend you run plain water through the machine after use. Please refer to product safety data sheet before use. Use only as directed.

Health and Safety

CHIP Classification: Corrosive

R34. Causes burns

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.

S2. Keep out of reach of children.

R35 Causes severe burns

R36 Irritating to eyes

R22 Harmful if swallowed

R41 Risk of serious damage to eyes

PRODUCT SAFETY DATA SHEET

IDENTIFICATION

Product Name: Quadrapower 108
Description: The Ultimate High Pressure Detergent
Product Code: Q1108
Supplier: Clemas & Co Ltd
Units A3 & A4
Northway Trading Estate
Tewkesbury
Glos. GL20 8JH
Tel: 01684 850777
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COMPOSITION/INFORMATION INGREDIENTS

Sodium hydroxide	1310-73-2	2.0-5.0%	C R35
Trisodium nitrilotriacetate	5064-31-3	5-15%	Xi R36
Sodium silicates	6834-92-0	1-5%	C R34
Anionic surfactant	1300-72-7	1-5%	Xn R22 R41
Nonionic surfactant	68439-46-3	1-5%	Xn R22 R41

HAZARDS IDENTIFICATION

CHIP CLASSIFICATION: Corrosive
EYE HAZARD: Cause burns
SKIN HAZARD: Causes burns
RESPIRATORY HAZARD: Breathing spray mist may cause irritation.
FLAMMABILITY: Not combustible

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 water and seek medical attention immediately.
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 fowl 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 condition.

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 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, avoid breathing spray mist, wear a protective mask to EN 149 if necessary.

OCCUPATIONAL EXPOSURE LIMIT

Sodium Hydroxide 2mg/m³ OES 15 min STEL

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Yellow Liquid
Odour: Characteristic
pH: 11.5 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: 17.5mm Hg at 20°C
Relative density at 20°C (typical): 1.173
Solubility: Miscible with water
Viscosity: Free flowing

STABILITY & REACTIVITY

Conditions to avoid: Extremes of temperature
Materials to avoid: Incompatible with oxidising agents, acids and alkali sensitive metals such as aluminium.
Hazardous decomposition products: None known

TOXICOLOGICAL INFORMATION

Eye contact: Will cause severe irritation and damage.
Skin contact: Causes burns
Inhalation: Breathing spray mist may cause irritation and damage to gastro-intestinal tract due to alkalinity..
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

May affect aquatic organisms due to high pH if released into water courses untreated. Water based product. All organic ingredients are biodegradable when well diluted.

DISPOSAL CONSIDERATIONS

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: Corrosive
UN Number 1760
Transport Class 8
Packing Group 3

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.