



Clemas & Co Ltd

Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury, Gloucestershire. GL20 8NB

Tel: 01684 850777

Fax: 01684 850707

E-mail: info@clemas.co.uk

www.clemas.co.uk

POWERCLEAN

PRODUCT CODE:

Product Description

Powerclean is a multi-functional, heavy duty, low alkaline cleaning formulation.

Powerclean is a versatile product and it recommended for use in an industrial engineering or food environment when requiring an aggressive formulation capable of handling a wide range of heavy duty cleaning operations.

Powerclean will cut through heavy oil, grease and fat deposits and maybe used as a multi-functional heavy duty cleaner where rationalization or in conjunction with floor scrubbing equipment as a very effective floor cleaner.

Benefits

- Low foam – easy rinse, eliminates foam deposits after cleaning operation
- Heavy duty – suitable for removal of heavy deposits of oil and grease encountered in an industrial environment.
- Versatile – effective in a wide range of soiling including grease fats and oils.
- Economical – may be diluted in cold or hot water. Dilutions rate dependent on level of soiling present on the surfaces to be cleaned.

Directions

Powerclean is diluted with water prior to use. Suitable dilutions are a matter of experience although guidelines are given below. As a guide powerclean is normally used between 1.5% and 5%. The dilutions in water are as follows:

Dilution Guidance:

Light soiling: (foot traffic, normal soil type)	80:1 (1 part powerclean to 80p parts water)
Medium soiling:	40:1 (1 part powerclean to 40 parts water)
Heavy soiling: (outdoor vehicle, FLT, oily soils)	20:1 (1 part powerclean to 20 parts water)

IDENTIFICATION

Product Name: Powerclean

Product Code: Powerclean

Supplier: Clemas & Company Limited
Unit 5 Ashchurch Business Centre
Tewkesbury, Gloucestershire GL20 8NB
Tel: 01684 850777
Fax: 01684 850707

COMPOSITION/INFORMATION INGREDIENTS

Sodium hydroxide	1.0-5%	CR35
Amphoteric surfactant	1.0-5%	Xi, R36
Non-ionic surfactant	1.0-5%	Xi, R38 41
Non-ionic surfactant	1.0-5%	Xn R22 41

HAZARDS IDENTIFICATION

Preparation is alkaline and is irritating to eyes and skin

EYE HAZARD: Severe irritation. Irrigate immediately and thoroughly with water for at least 10 minutes. Obtain proper medical attention.

SKIN HAZARD: Soreness/ skin reddening

Wash thoroughly with soap and plenty of water. Remove contaminated clothing and wash before re-use. Seek medical attention if adverse skin reaction occurs.

RESPIRATORY HAZARD: Irritation to mouth, throat and trachea.

INDIGESTION: Nausea and discomfort. Wash mouth with water. Seek medical advice preferably showing the data sheet label.

FLAMMABILITY HAZARD: Not combustible

OTHER HAZARDS: None.

FIRST AID MEASURES

EYE CONTACT: Rinse immediately and thoroughly with sterile water for a few minutes, and then seek medical advice.

SKIN CONTACT: Wash thoroughly with water and soap.

INHALATION: Not applicable. Likely occurrence negligible or not possible.

INGESTION: Do not induce vomiting. Wash mouth with water and give water to drink. Seek medical advice immediately. Show data sheet or label if possible.

FIRE FIGHTING MEASURES: Not applicable.

SPECIAL EXPOSURE HAZARDS: Fire may well result in spillage/release which can cause personal exposure hazard. See exposure controls/personal protection.

Thermal decomposition at high temperature or due to direct involvement in fire will produce irritating fumes.

Special precautions: Wear breathing apparatus

ACCIDENTAL RELEASE:

Wear appropriate personal protection gear. Wear breathing apparatus. Protect drains by covering to avoid any spillage entering the drainage system.

HANDLING & STORAGE: Keep out of reach of children.

Store in a dry, well ventilated area, protected from extremes of temperatures. Do not allow to mix with any other products.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear goggles or safety glasses. Wear protective gloves. Avoid breathing mist or spray.

STABILITY & REACTIVITY

Stable under normal conditions. Contact with light metals alloys can release hydrogen. Thermal deposition will produce oxides of carbon

TOXICOLOGICAL INFORMATION

Eye contact will cause irritation, give rise to pain and likely to cause ocular lesions if immediate first aid is not administered. Skin contact will cause irritation resulting in significant inflammation if not attended to. Repeated or prolonged contact could damage the skin tissue and cause severe defatting. Under such circumstances the skin is less resistant to other substances and ingestion with irritate the trachea and cause pain and sickness.

Prolonged exposure is likely to cause inflammation and can damage tissue. Inhalation of mist or spray will cause irritation and if severe could cause discomfort in breathing. As with all chemicals, individuals with lung or breathing disorders may experience more severe reactions

ECOLOGICAL INFORMATION

Aquatic toxicity: Preparation is not classified as toxic to aquatic organisms.

Degradability: Surfactants used comply with biodegradability criteria in regulation (EC) No.648/2004

Mobility: Not expected to be persistent in the environment.

Bioaccumulative potential: No evidence for.

DISPOSAL CONSIDERATIONS

Damage packaging to prevent re-use if disposed of via local waste. Rinse out packaging. Arrange removal by Disposal Company.

TRANSPORT INFORMATION

Powerclean is not classified as hazardous for transportation.

REGULATORY INFORMATION

Irritating to eyes and skin

In case of contact with eyes rinse immediately with plenty of water and seek medical advice

Wear suitable gloves.

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 thus 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.

J1ADF . Tuesday, November 08, 2011

Date of issue: 1st May 2011