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Powertech HDLF

PRODUCT CODE: PTHDLF

Product Description

Extreme soiling, oils & greases.

Health and Safety

Product risk and safety phrases

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

Store containers provided in a cool dry place.

Physical Chemical Properties

Appearance: Clear liquid

Odour: Bland

Relative density at 20°C: 1.074

pH neat: >13

Solubility: Soluble

PRODUCT SAFETY DATA SHEET

IDENTIFICATION

Product Name: Powertech HDLF
Product Code: PTHDLFA
Supplier: Clemas & Company Limited
Unit 5 Ashchurch Business Centre
Tewkesbury, Gloucestershire GL20 8NB
Tel: 01684 850777
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COMPOSITION/INFORMATION INGREDIENTS

Sodium hydroxide	1.0 – 5.0%	C, R35
Non-ionic surfactant	1.0 – 5.0%	Xi, R38, 41
Non-ionic surfactant	1.0 – 5.0%	Xn, R22, 41

HAZARDS IDENTIFICATION

CHIP Classification: Corrosive

EYE HAZARD: Severe irritation.

SKIN HAZARD: Soreness/skin reddening. Burns if severe.

RESPIRATORY HAZARD: Irritation to mouth, throat and trachea.

INDIGESTION: Nausea/stomach pains.

FLAMMABILITY HAZARD: Not combustible

OTHER HAZARDS: None.

FIRST AID MEASURES

EYE CONTACT: Irrigate immediately and thoroughly with water (or sterile isotonic solution) for at least 10 minutes. Obtain prompt medical attention.

SKIN CONTACT: Rinse immediately and thoroughly with water. Remove contaminated clothing and wash before re-use. Seek medical advice. If exposure is severe or skin is damaged than obtain immediate medical attention.

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 is possible.

FIRE FIGHTING MEASURES: Not applicable.

SPECIAL EXPOSURE HAZARDS: Fire may well result in spillage /release which can cause personal exposure hazard. See handling & storage. Thermal decomposition at high temperature or due to direct involvement in fire will produce irritating fumes. Wear breathing apparatus.

ACCIDENTAL RELEASE:

Protect drains by covering to avoid any spillage entering the drainage system. Contain in a confined area using sand, earth or suitable material. Neutralize with addition of acetic acid or dilute mineral acid. Absorb or contain with earth, sand or absorbent granules. Transfer to drums or salvage tank. Dispose of in accordance with local regulations.

HANDLING & STORAGE: Keep out of reach of children. Read the label before opening the container. Do not allow to mix with other chemical products. Store in containers provided. Store in a dry, well ventilated area, protected from extremes of temperatures.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear goggles or safety glasses. Wear protective gloves (rubber or plastic). Wear protective apron, suit and boots if danger of splashing (eg use via pressure washer). Avoid breathing mist or spray. Wear helmet or protective headgear if drips or splashes are a risk.

STABILITY & REACTIVITY

Stable under normal conditions. Contact with light metal alloys can release hydrogen. Thermal decomposition will produce irritating fumes. Hazardous reactions: with strong oxidizing agents and acids.

TOXICOLOGICAL INFORMATION

Eye contact will cause serious damage to eye tissue if immediate first aid is not administered. Continued contact will cause severe ocular lesions and ultimately to blindness. Prompt action is necessary to minimize damage. Skin contact will give rise to rapid irritation resulting in burns if immediate first aid is not administered. Prolonged contact will increase the severity of tissue damage. Ingestion will cause burns to mouth and trachea. Risk of aspiration if vomiting occurs with risk of serious breathing difficulties and possible damage to lungs.

ECOLOGICAL INFORMATION

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

Degradability: Surfactants used to 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

Refer to accidental release. Rinse out empty packaging. Damage packaging to prevent re-use if disposed of via local waste. Observe all local and national waste disposable regulations.

TRANSPORT INFORMATION

Transport Classification: Corrosive liquid, N.O.S (contains Sodium hydroxide)
UN number: 0760

REGULATORY INFORMATION

Preparation is classified for supply by CHIP regulations as corrosive.

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.

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