

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** : Powerwash

**Product Code** : PW 500

**Use/Description of Product** : Brake and dismantled component wash  
Blend of Solvents to Safely Remove grease and deposits.

**Company Name** : Rotec Industries  
17 Craig Ddu Estate  
Amlwch  
Gwynedd  
LL68 9EH

**Telephone** : 01948 780111

**Emergency Telephone No** : 01948 780111 / 07768 271691

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b> :					
Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
Low Boil Modified NAPTHA- NAPTHA refined Light Solvent	265-086-6	64741-84-0	10 - 30	F,Xi,N,Xn,-.	11,38,51/53, 65,67.
BUTANE	203-448-7	106-97-8	10 – 30	F+,	12

### 3. HAZARD IDENTIFICATION

**Classifications** : Highly Flammable. Irritating to skin

**Risk Phrases** : Toxic to Aquatic Organisms.  
May cause long-term adverse effects in the aquatic Environs  
Vapours may cause drowsiness or dizziness.  
Prolonged exposure though inhalation.

**Other Hazards** : In use may form flammable/explosive vapour-air mixture

### 4. FIRST AID MEASURES (SYMPTOMS) part 1

**Skin Contact** : This may cause Irritation or Redness a mild irritation at the site of contact.

**Eye Contact** : There may be irritation and/or redness. Watering Profusely.

**Ingestion** : There may be irritation of the throat. Redness, soreness.

**Inhalation** : There may be irritation of the throat with a feeling of Tightness in the chest or wheezing.

#### 4. FIRST AID MEASURES (ACTIONS) part 2

**Skin Contact**

Remove contaminated clothing unless stuck to the skin. Wash skin thoroughly with soap and water.

**Eye Contact**

Bathe eye with running water for 15 minutes. Consult a doctor

**Ingestion**

Wash out Mouth with water. Consult a Doctor

**Inhalation**

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure Hazards**

In combustion, emits toxic fumes

**Protection of Fire-fighters**

Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep Bystanders upwind and away from danger point. Mark out Contaminated areas with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
<b>Environmental Precautions</b>	:	Do not discharge into drains or rivers. Contain the spillage with bunding.
<b>Clean-up Procedures</b>	:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 7. HANDLING AND STORAGE

**Handling requirements**

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**Storage Conditions**

Store in a cool, well ventilated area. Keep container tightly closed. The floor of storage room must be impermeable to prevent the escape of liquids.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients** :

Substance Name	Occupational Exposure Limit				Notation
	15 min WEL		8 hr WEL		
	ppm	Mg/m3	ppm	Mg/m3	
BUTANE		1810.00		1450.00	

**Engineering Measures**

Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory Protection**

Self contained breathing apparatus must be available in case of emergency

**Hand Protection**

Protective gloves

**Eye protection**

Eye protection designed to protect against liquid splashes should be worn. Ensure eye bath is to hand.

**Skin Protection**

Protective clothing

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	:	Aerosol
Colour	:	Yellow-brown
Odour	:	characteristic odour
Evaporation Rate	:	Moderate
Solubility in Water	:	Insoluble
Oxidising	:	Non Oxidising (EC Criteria)
Flash Point C	:	2

**10. STABILITY AND REACTIVITY**

Stability	:	Stable under normal conditions
Conditions to Avoid	:	Heat
Materials to Avoid	:	Strong oxidising agents. Strong acids
Haz. Decomp. Products	:	In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

REFER TO SECTION 4 of SDS FOR ROUTES AND EXPOSURE SYMPTOMS.

**12. ECOLOGICAL INFORMATION**

Aquatic Toxicity Effects	:	Toxic to Aquatic Organisms Toxic to Soil Organisms
Persistence/Mobility	:	Non Biodegradable
Bioaccumulation	:	Bioaccumulation potential

**13. DISPOSAL INFORMATION**

Disposal Operations	:	Transfer to a suitable container and arrange for collection By a specialised disposal company.
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**NB:**

The users attention is drawn to the possible existence of regional or national regulation regarding disposal, Consult local Regulations.

#### 14. TRANSPORT INFORMATION

<b>Road/Rail</b>	:UN No.....1950 Designation.....AEROSOLS	Packing Group....5F	Class.....2
<b>Sea</b>	:Packing Grp. <= 30 lts.....N/A Marine Pollutant..... EMS.....F-D-S-U Main Risk..... Shipping Name.....AEROSOLS	Packing Grp. > 30 lts.....N/A UN No.....1950 MFAG.....	Class.....2
<b>International Road/Rail</b>	:Item Number..... Main Risk..... Shipping Name.....AEROSOLS	UN Number.....1950	Class..... 2 Sub Risk

#### 15. REGULATORY INFORMATION



Flammable



Harmful



Dangerous to environment

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows

<b>Classifications</b>	:	Extremely Flammable Harmful Dangerous to Environment
<b>Risk Phrases</b>	:	R11 Highly Flammable R38 Irritating to skin. R51/53 Toxic to Aquatic Organisms may cause long term effects in Aquatic Environments R67 Vapours may cause drowsiness or dizziness
<b>Safety Phrases</b>	:	S2 Keep away From Children S16 Keep away from sources of ignition – No Smoking S23 Do not breathe spray. S29 Do not empty into drains S38 In case of insufficient ventilation, wear suitable respiratory equipment S51 Use only in well ventilated areas S61 Avoid release to the environment Refer to data sheets
<b>Precautionary Phrases</b>	:	pressurized container. Protect from sunlight and do not expose to Temperature exceeding 50 deg C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Keep away from Sources of ignition. No smoking. Keep out of the reach of children.

The information contained in this Safety data Sheet does not constitute the users own assessment of the workplace risks as required by other Health & Safety Legislations. The provisions of the Health & Safety at work Etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product in a suitable work environment.

## **16. ADDITIONAL INFORMATION**

### **Risk Phrases Listed in Section 2**

R 11     Highly Flammable  
R38     Irritating to skin  
R51/53   Toxic to Aquatic Organisms may cause long term effects in Aquatic Environments  
R65     Harmful may cause lung damage if swallowed.  
R 66     Repeated exposure may cause skin dryness or cracking.  
R 67     Vapours may cause drowsiness and dizziness

### **Legal Disclaimer**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.