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## POWER CUT PASTE

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

- 1.1 **Product name:** Power Cut Paste  
1.2 **Identified use(s):** Metalworking Fluid  
**Use(s) advised against:** None known.  
1.3 **Details of supplier of SDS:** New Tech Lubes Ltd, Unit 2-4 Harrison Drive Ind Est, Worksop  
Notts, S81 9RL  
**E Mail (competent person):** [info@newtechlubes.com](mailto:info@newtechlubes.com)  
1.4 **Emergency telephone:** +44 (0)1909 730900 (08.00 – 16.00 GMT Monday to Friday)

### SECTION 2. HAZARDS IDENTIFICATION

- 2.1 **Classification of the substance/mixture:** Not classified as dangerous for supply/use.  
2.2 **Label elements:** Not applicable.  
2.3 **Other hazards:** No additional information available.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Substances:** N/A  
3.2 **Mixtures:** N/A

### SECTION 4. FIRST AID MEASURES

- 4.1 **Description of first aid measures:**  
General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
Inhalation: Allow affected person to breathe fresh air. Allow the victim to rest.  
Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.  
Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  
4.2 **Most important symptoms and effects, both acute and delayed:** Not expected to present a significant hazard under anticipated conditions of normal use.  
4.3 **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

### SECTION 5. FIRE FIGHTING MEASURES

- 5.1 **Extinguishing media:**  
Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media: Do not use heavy water stream.  
5.2 **Special hazards arising from the substance or mixture:** In case of fire toxic fumes may be released.

- 5.3 Advice for fire fighters:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Clean up any spills as soon as possible, using an absorbent material to collect it. Evacuate unnecessary personnel. Equip clean up crew with proper protection. Ventilate area.
- 6.2 Environmental precautions:** Prevent from entering drainage systems or water courses. Notify authorities if liquid enters sewers or public waters.
- 6.3 Methods and material for containment and clearing:** Caution – spillages may be slippery. Absorb spillages onto sand, earth or any absorbent material. Transfer into suitable containers for recovery or disposal. Scrub area with detergent and water to prevent slippery residues.
- 6.4 Reference to other sections:** For PPE and disposal see sections 8 and 13 respectively.

## SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, ventilated area. Keep away from direct sunlight. Keep container closed when not in use. Keep only in original container at temperatures not exceeding 40°C.
- 7.3 Specific end use(s):** The identified uses for this product are detailed in Section 1.2.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** No additional information available.

**8.2 Exposure controls:**

Appropriate engineering controls: Ensure adequate ventilation where operational procedures demand it. Use appropriate containment to avoid environmental contamination.

Personal protective equipment:



Eye/face protection: Safety goggles/glasses to prevent against splashes.

Skin protection: Good working practice suggests gloves and goggles should be worn. The following materials are suitable for protective gloves (permeation time  $\geq$  8 hours): Nitrile rubber.

Respiratory protection: Wear suitable respiratory protective equipment if exposure to mist is likely. A suitable dust mask or dust respirator with filter type P (EN143 or EN405) may be appropriate.

Thermal hazards: Not applicable

Environmental exposure controls: Do not release large quantities into the surface water or into drains. See sections 6, 12, 13.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties:**

Appearance/physical state: Waxy Paste

Colour: Brown

Odour: Sulphide

Odour threshold: No data available.

pH: No data available.

Melting point/freezing point: No data available.

Initial boiling point/range: No data available.

Flash point:  $>200^{\circ}\text{C}$

Flammability: No data available.

Upper/lower flammability or explosive limits: No data available.

Vapour pressure: No data available.

Vapour density: No data available.

Density: 0.86-0.94  
Relative density: No data available.  
Solubility in water: Insoluble  
Also soluble in: Most organic solvents  
Partition coefficient n-octanol/water: No data available.  
Auto-ignition temperature: No data available.  
Decomposition temperature: No data available.  
Viscosity: Viscous  
Kinematic viscosity: As grade  
Viscosity test method: Kinematic viscosity at 40°C (cst)  
Explosive properties: No data available.  
Oxidising: Non oxidising (by EC criteria)

**9.2 Other information:** No additional information available.

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reactions known under normal conditions of use.
- 10.2 Chemical stability:** Stable under proper storage and handling conditions.
- 10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- 10.4 Conditions to avoid:** Heat, flame and other ignition sources.
- 10.5 Incompatible materials:** Avoid contact with strong oxidising agents and strong acids.
- 10.6 Hazardous decomposition products:** Combustion will generate: smoke, carbon dioxide and carbon monoxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

Acute toxicity:	}	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:		
Serious eye damage/irritation:		
Skin sensitisation:		
Respiratory sensitisation:		
Germ cell mutagenicity:		
Carcinogenicity:		
Reproductive toxicity:		
Lactation:		
STOT – single exposure:		
STOT – repeated exposure:		
Aspiration hazard:		

**11.2 Other information:** No additional information available.

## SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Not classified.
- 12.2 Persistence and degradability:** Only slightly biodegradable.
- 12.3 Bio-accumulative potential:** Product is not expected to bio-accumulate.
- 12.4 Mobility in soil:** This product is expected to have low mobility in soil.
- 12.5 Results of PBT and vPvB assessment:** Not classified as PBT or vPvB.
- 12.6 Other adverse effects:** Avoid release to the environment.

## SECTION 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Do not discharge into drains or the environment. Dispose of in a safe manner in accordance with local/national regulations.

## SECTION 14. TRANSPORT INFORMATION

- 14.1 UN number:** Not classified

- 14.2 UN proper shipping name:** Not classified
- 14.3 Transport hazard class:** Not classified
- 14.4 Packing group:** None
- 14.5 Environmental hazards:** Not applicable
- 14.6 Special precautions for user:** Not classified
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Not applicable.

#### SECTION 15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture:** This product is not classified.
- 15.2 Chemical safety assessment:** No chemical safety assessment has been carried out.

#### SECTION 16. OTHER INFORMATION

**Classification methods used to derive classification of mixture:** Classification according to calculation procedure detailed in EC1272/2008

**Legend:**

CAS: Chemical Abstracts Service

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

DNEL: Derived no effect level

EC: European Community

EINECS: European Inventory of Existing Commercial Chemical Substances

PBT: Persistent, bio-accumulative and toxic

PNEC: Predicted no effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

STOT: Specific target organ toxicity

vPvB: very Persistent and very Bio-accumulative

**Additional information:** This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.