

## BATTERY TERMINAL GREASE ANTI-CORROSION TERMINAL TREATMENT

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### Product Description

BATTERY TERMINAL GREASE is an anti-corrosion treatment for battery terminals which contains an acid indicator dye. Use everywhere around the battery/cable connection to prevent acid related corrosion that decreases battery life and saps power. Prevents the contact resistance from increasing during operation and ensures lower loss than with untreated contacts. Highly adhesive, water-resistant paste provides long-term protection from oxidation for terminals and battery terminals.

### Applications

- Battery terminals
- Cable ends
- Clamps
- Connectors
- Hold-downs and more
- Primarily provides protection from contact wear and corrosion for contact materials containing copper in rail vehicles, construction machinery and shipping applications.

### Benefits

- Prevent acid related corrosion.
- Ensure max battery power.
- Battery & cable protection.
- Anti-corrosion.
- Good compatibility with plastics and prevents leakage currents.
- Good Electronic Property.

## Typical Properties

PROPERTIES	
Color	White
Odor	Hydrocarbon
Density	0.93 g/cm <sup>3</sup>
Pressure @ 20°C	3.6 bar
Discharge rate @ 20°C	1.2 g/s
Solubility	Insoluble
Temperature conditions	-30°C to 85°C

**Available Packs: 1,5, 18, 50 & 180 Kg.**

**Shelf Life – 36 Months from the Manufacturing month.**

\* All related specifications are meets or exceeds. Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.  
The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product** BATTERY TERMINAL GREASE  
**Supplier** PETRELPLUS INC.

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## 2. COMPOSITION

No harmful substances. Composition of base oil, thickener and Proprietary additives.

## 3. HAZARDS IDENTIFICATION

Not classified as Hazardous.

## 4. FIRST-AID MEASURES

**RESPIRATORY SYSTEM:** Remove to fresh air and get medical attention.

**INGESTION:** Do not induce vomiting. Wash mouth out with water and obtain medical attention.

**EYES:** Rinse immediately with plenty of water for at least 10 minutes. Get Medical Attention.

**SKIN:** Remove contaminated clothing. Wash affected area with soap and water, get medical attention.

## 5. FIRE-FIGHTING METHODS

Foam, carbon dioxide or dry powder.

## 6. ACCIDENTAL RELEASE MEASURE

Contain and absorb in sand or earth. Ensure no material enters drains or water courses. Dispose of as solid waste in accordance with the relevant waste disposal regulations.

## 7. STORAGE AND HANDLING

Handling - At ambient temperatures wear gloves overalls and eye protection. The work area should be adequately ventilated. No eating drinking or smoking in the work area.

Storage - Store in delivery packs in a cool & dry place.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Exposure Standard:

The substance with exposure limit is: Notation 1: Exposure Standard: 2nd substance with exposure limit is: Notation 2:

### PERSONAL PROTECTION

Respiratory Protection:

Type of Cartridge (if Applicable): Eye Protection: Safety Spectacles

Hand Protection: Gloves butyl or nitrile rubber

Industrial Hygiene: No eating drinking or smoking in the work area Ventilation: At room temperature handle in a well-ventilated area. Use exhaust ventilation if exposure to flume or aerosol can occur.

### PROTECTION AGAINST FIRE AND EXPLOSION

Combustible but not readily ignited. No explosion hazard.

EC SAFETY PHRASES: Not classified as hazardous.

## 9. TYPICAL PROPERTIES

Color	- White
Solubility	- Insoluble
Temperature range, °C	- (- 35 to 85)
Density, g/cm <sup>3</sup>	- 0.93

**10. STABILITY AND REACTIVITY**

HAZARDOUS REACTIONS

**Comments**

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition produces noxious fumes.

**11. TOXICOLOGICAL INFORMATION**

LD50 Acute Oral Toxicity: > 5000:mg/Kg:Rat

LC50 Acute Inhalation: :mg/1

Eye Irritation: No: Rabbit

Skin Irritation: No.: Rabbit

Sensation: No

Further Information:

**12. ECOLOGICAL INFORMATION**

LC50 (96 Hour): mg/1

EC50 (24 Hour): mg/1

Biodegradability (Coupled units):

**13. DISPOSAL CONSIDERATIONS**

Solid material should be incinerated. Material absorbed on sand should be disposed of as solid waste.

**14. TRANSPORT INFOMRATION**

IMDG No.: Not classified

Packing Groups: IATA-DGR Class No.: Not classified

TREMCARD: Not classified

RID/ADR Class No.: Not classified

Other Information

**15. REGULATORY INFORMATION**

Classification and labeling according to EC Directives 67/548

Not classified as hazardous. EC Risk Phrases

Not classified as hazardous. Other Hazardous

EC Safety Phrases

Not classified as hazardous

**16. OTHER INFORMATION: PRODUCT SAFETY**

For safety reasons, it is IMPERATIVE that customer: - Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.

DISCLAIMER/USER'S RESPONSIBILITY: PETRELPLUS INC. Provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriate use.