



# Material Safety Data Sheet

Revision Date 16-Mar-2010

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 81293  
Product name Battery Terminal Packet  
Recommended Use Fleet Maintenance

Supplier Lawson Products, Inc.  
1666 East Touhy Avenue  
Des Plaines, IL 60018  
(847)-827-9666

Emergency telephone number (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
No information available

**Aggravated Medical Conditions**  
None Known

**Principal Routes of Exposure**  
Skin. Ingestion.

### Potential health effects

**Eyes** Contact with eyes may cause irritation. Direct contact may cause the following effects. Burning sensation. Tearing. Redness.

**Skin** No adverse affects expected. Repeated or prolonged exposure may cause:. Redness. Burning sensation. Dermatitis.

**Inhalation** No adverse affects expected.

**Ingestion** Irritation of the gastrointestinal system.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No      | Weight % |
|---------------|-------------|----------|
| Mineral Oil   | Proprietary | 7-13     |

## 4. FIRST AID MEASURES

**Eye contact** Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin contact** Wipe excess from skin and flush with water using soap if available. Remove contaminated clothing. Wash area thoroughly with soap and water. Waterless hand cleaner might be helpful in removing residues. Seek medical attention if irritation persists.

**Ingestion** Do not induce vomiting. Drink 1 or 2 glasses of water or milk .

**Inhalation** Remove from exposure.

## 5. FIRE FIGHTING MEASURES

Flash point °C 246  
Flash point °F 475  
Method Open cup

Autoignition temperature °C Not Applicable  
Autoignition temperature °F Not Applicable

**Flammability Limits (% in Air)**  
Upper No data available  
Lower No data available

**Suitable extinguishing media**  
Dry chemical. Carbon dioxide (CO2). Water spray. Foam. Sand. Earth.

**Extinguishing media which must NOT be used for safety reasons**  
Do not use a solid water stream as it may scatter and spread fire .

**Special protective equipment for firefighters**  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Fire and Explosion Hazards**  
Water or foam may cause frothing.

**Sensitivity to shock**  
No information available.

**Sensitivity to static discharge**  
No information available.

## 6. ACCIDENTAL RELEASE MEASURES

**Methods for cleaning up**  
Flush area with water.

Product code **81293**Product name **Battery  
Terminal Packet****7. HANDLING AND STORAGE****Handling**

Keep away from incompatible materials.

**Storage**

No information available

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

| Chemical Name | OSHA PEL (TWA) | OSHA PEL (Ceiling) | ACGIH OEL (TWA) | ACGIH OEL (STEL) |
|---------------|----------------|--------------------|-----------------|------------------|
| Mineral Oil   | -              | -                  | -               | -                |

**Ventilation and Environmental Controls**

None required.

**Hygiene measures**

General industrial hygiene practice.

**Respiratory protection**

None required.

**Hand Protection**

For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves. .

**Eye protection**

Safety glasses.

**Skin and body protection**

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                         |                          |
|-----------------------------------------|--------------------------|
| Form                                    | Liquid                   |
| Color                                   | Red                      |
| Odor                                    | No information available |
| Odor Threshold                          | Not Applicable           |
| pH                                      | Not Applicable           |
| Specific Gravity                        | 0.970                    |
| Vapor pressure                          | Not Applicable           |
| Vapor density                           | heavier than air         |
| Evaporation Rate                        | < 1 (ether = 1)          |
| Water solubility                        | Insoluble                |
| Partition Coefficient (n-octanol/water) | Not Applicable           |
| Boiling point/range °C                  | > 482                    |
| Boiling point/range °F                  | > 900                    |
| Melting point/range °C                  | Not Applicable           |
| Melting point/range °F                  | Not Applicable           |
| Flash point °C                          | 246                      |
| Flash point °F                          | 475                      |

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

Avoid extreme temperatures.

**Incompatibility**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapours. Carbon oxides. Sulfur oxides. Nitrogen oxides (NOx).

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

| Chemical Name              | LD50 (oral,rat) | LD50 (dermal,rat/rabbit) | LC50 (inhalation,rat) |
|----------------------------|-----------------|--------------------------|-----------------------|
| Mineral Oil<br>Proprietary | -               | -                        | -                     |

**Synergistic Products**

None known

**Potential health effects****Sensitization**

None known

**Chronic toxicity**

None known

**Mutagenic effects**

None known

**Teratogenic effects**

None known

**Reproductive toxicity**

None known

**Target Organ Effects**

See Section 2

**Carcinogenic effects**

See table below

| Chemical Name | ACGIH OEL - Carcinogens | IARC       | NTP - Known Carcinogens | NTP - Suspected Human Carcinogens | OSHA RTK Carcinogens |
|---------------|-------------------------|------------|-------------------------|-----------------------------------|----------------------|
| Mineral Oil   | Not Listed              | Not Listed | Not Listed              | Not Listed                        | Not Listed           |

**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

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Product name **Battery  
Terminal Packet**

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#### 14. TRANSPORTATION INFORMATION

**DOT**

Not Regulated

**TDG**

Not Regulated

**IMDG/IMO**

Not Regulated

**IATA**

Not Regulated

**MEX**

Not Regulated

#### 15. REGULATORY INFORMATION

| Chemical Name | New Jersey -<br>RTK | Pennsylvania<br>- RTK | California<br>Prop. 65 |
|---------------|---------------------|-----------------------|------------------------|
| Mineral Oil   | Not Listed          | Not Listed            | Not Listed             |

| Chemical Name | EINECS | DSL | NDSL | TSCA |
|---------------|--------|-----|------|------|
| Mineral Oil   | -      | -   | -    | -    |

**CPR**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

#### 16. OTHER INFORMATION

**HMIS**

**Health** - 1

**Flammability** - 1

**Physical Hazard** - 0

**Prepared By**

H. Buck, Regulatory Affairs Manager

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.