

# SAFETY DATA SHEET

Product Name                                Battery De-Sulfater  
Producer                                      Battery De-Mister LLC. Div of Thermoil Inc.  
Address                                        4510 W Pine St.  
    Appleton, Wi 54914  
Telephone:                                    (920) 749-9712  
Fax:    (920) 749-9719

Updated on: February 24, 2022

**SECTION 1. . Identification**

Product form                                : Mixture / Water based cleaning solution  
Chemical name                              : Oxidane, Disodium Tetraborate derivatives, Organic Dye  
EC index no                                 : 005-011-00  
EC no                                         : 215-540-4  
CAS No                                        : 1303-96-4  
Formula                                        : Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub>·10H<sub>2</sub>O dissolved in H<sub>2</sub>O

**Relevant identified uses**

Identified use                                : Battery Additive

**Emergency telephone number**

Emergency number                         : 1 800-535-5053  
    INFOTRAC (Outside USA) +1 352-323-3500

**SECTION 2: Hazards identification**

GHS Classification                         This product is not considered hazardous by the OSHA Hazard  
    Communication Standard (29 CFR 1910.1200).  
Signal Word                                    Not applicable  
Hazard Statements                         Not applicable  
Other Hazard Information                 Not applicable  
GHS Pictogram                                Not applicable  
Precautionary Statements                Not applicable

**SECTION 3: Composition/information on ingredients**

CAS No	Component	Common Name	Percent
This product does not contain ingredients that are hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).			

#### SECTION 4: First aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
- First-aid measures after inhalation : Not Applicable
- First-aid measures after skin contact : Wash skin with plenty of water.
- First-aid measures after eye contact : Rinse eyes with water as a precaution. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention

#### SECTION 5: Firefighting measures

- Suitable extinguishing media : Not Applicable
- Unsuitable extinguishing media : Not Applicable

#### Special hazards arising from the substance or mixture

- Fire hazard : Not Applicable
- Explosion hazard : Not Applicable
- Hazardous decomposition products in case of fire : Not Applicable

#### Advice for firefighters

- Firefighting instructions : Not Applicable
- Protective equipment for firefighters : Not Applicable

#### SECTION 6: Accidental release measures

- Emergency procedures : Not Applicable

### **For emergency responders**

- Protective equipment : Not Applicable
- Emergency procedures : In case of leaks contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

### **Environmental precautions**

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### **Methods and material for containment and cleaning up**

- For containment : In case of leaks contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

## **SECTION 7: Handling and storage**

### **Precautions for safe handling**

- Precautions for safe handling : Wear protective gloves and goggles
- Hygiene measures : Always wash hands after handling the product.

### **Conditions for safe storage, including any incompatibilities**

- Technical measures : Not Applicable
- Storage conditions : Keep cool. Store in a closed container.
- Incompatible materials : Reactive materials to water

### **Specific end use(s)**

No additional information available

## **SECTION 8: Exposure controls / personal protection**

## Exposure controls

Appropriate engineering controls : Not Applicable

Personal protective equipment : Protective goggles. Gloves.



Hand protection : Wear protective nitrile gloves.

Eye protection : Safety glasses. Chemical goggles or safety glasses

Skin and body protection :

Respiratory protection :

Environmental exposure controls : Avoid release to the environment.

Other information : Do not eat, drink during use. Avoid all unnecessary exposure.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: Clear
Colour	: Red
Odour	: None
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: N
Freezing point	: No data available
Boiling point	: 102°C
Flash point	: None
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: 1.05 (water=1)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product does not present an explosion hazard.
Oxidising properties	: No data available
Explosive limits	: Not applicable

<b>SECTION 10: Stability and reactivity</b>
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**Reactivity**

No additional information available

**Chemical stability**

Non Hazardous material Stable at ambient temperature and under normal conditions of use

**Possibility of hazardous reactions**

Hazardous polymerization will not occur

**Conditions to avoid**

Not Applicable

**Incompatible materials**

Not Applicable

**Hazardous decomposition products**

Thermal decomposition: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen Oxides (NO<sub>x</sub>). Hydrogen Cyanide (HCN).

**SECTION 11: Toxicology information****Information on toxicological effects**

Acute toxicity	:	Not applicable
Skin corrosion/irritation	:	Not classified Based on available data, the classification criteria are not met
Serious eye damage/irritation	:	Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	:	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity	:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	:	Not classified Based on available data, the classification criteria are not met
Aspiration hazard	:	Not classified Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms : Not classified  
Based on available data, the classification criteria are not met

## SECTION 12 : Ecological information

### Toxicity

Ecology - water : Non Toxic.

### Persistence and degradability

Persistence and degradability Non Toxic

### Bioaccumulative potential

No additional information available

### Mobility in soil

No additional information available

### Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to local or national regulation to ensure proper disposal.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transportation information

In accordance with ADR / RID / IMDG / IATA / ADN

**UN number**

UN-No. (ADR) : Not Dangerous Goods  
UN-No. (IMDG) : Not Dangerous Goods  
UN-No. (IATA) : Not Dangerous Goods  
UN-No. (ADN) : Not Dangerous Goods  
UN-No. (RID) : Not Dangerous Goods

**UN proper shipping name**

Proper Shipping Name (ADR) : Water based cleaning solution  
Proper Shipping Name (IMDG) : Water based cleaning solution  
Proper Shipping Name (IATA) : Water based cleaning solution  
Proper Shipping Name (ADN) : Water based cleaning solution  
Proper Shipping Name (RID) : Water based cleaning solution  
Transport document description : Water based cleaning solution  
Transport document description (IMDG) : Water based cleaning solution

**Transport hazard class(es)****ADR**

Transport hazard class(es) (ADR) : Not Dangerous Goods  
Danger labels (ADR) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not Dangerous Goods  
Danger labels (IMDG) : Not Dangerous Goods

**IATA**

Transport hazard class(es) (IATA) : Not Dangerous Goods  
Hazard labels (IATA) : Not Dangerous Goods

**ADN**

Transport hazard class(es) (ADN) : Not applicable

**RID**

Transport hazard class(es) (RID) : Not applicable

**Packing group**



Packing group (ADR) : Not Dangerous Goods  
Packing group (IMDG) : Not Dangerous Goods  
Packing group (IATA) : Not Dangerous Goods  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

**Environmental hazards**

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

## **Special precautions for user**

### **Overland transport**

Classification code (ADR)	: Not applicable
Limited quantities (ADR)	: Not applicable
Excepted quantities (ADR)	: Not applicable
Packing instructions (ADR)	: Not applicable
Mixed packing provisions (ADR)	: Not applicable
Portable tank and bulk container instructions (ADR)	: Not applicable
Portable tank and bulk container special provisions (ADR)	: Not applicable
Tank code (ADR)	: Not applicable
Tank special provisions (ADR)	: Not applicable
Vehicle for tank carriage	: Not applicable
Transport category (ADR)	: Not applicable
Special provisions for carriage - Packages (ADR)	: Not applicable
Special provisions for carriage - Loading, unloading and handling (ADR)	: Not applicable
Special provisions for carriage - Operation (ADR)	: Not applicable
Hazard identification number (Kemler No.)	: Not applicable
Orange plates	: Not applicable
Tunnel restriction code (ADR)	: Not applicable
EAC code	: Not applicable

### **Transport by sea**

Limited quantities (IMDG)	: Not applicable
Excepted quantities (IMDG)	: Not applicable
Packing instructions (IMDG)	: Not applicable
IBC packing instructions (IMDG)	: Not applicable
Tank instructions (IMDG)	: Not applicable
Tank special provisions (IMDG)	: Not applicable
EmS-No. (Fire)	: Not applicable
EmS-No. (Spillage)	: Not applicable
Stowage category (IMDG)	: Not applicable
Properties and observations (IMDG)	: Red liquid. Non toxic, avoid contact with skin and eyes.
MFAG-No	: Not applicable

### **Air transport**

PCA Excepted quantities (IATA) : Not applicable  
PCA Limited quantities (IATA) : Not applicable  
PCA limited quantity max net quantity (IATA) : Not applicable  
PCA packing instructions (IATA) : Not applicable  
PCA max net quantity (IATA) : Not applicable  
CAO packing instructions (IATA) : Not applicable  
CAO max net quantity (IATA) : Not applicable  
ERG code (IATA) : Not applicable

#### **Inland waterway transport**

Carriage prohibited (ADN) : No  
Not subject to ADN : No

#### **Rail transport**

Carriage prohibited (RID) : No

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### **SECTION 15: Regulatory information**

#### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **EU-Regulations**

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

Not applicable:

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trade is not on the REACH Candidate List  
Contains no substance on the REACH candidate list  
trade is not on the REACH Annex XIV List

Contains no REACH Annex XIV substances

##### **Chemical safety assessment**

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

NFPA Ratings: Health Hazard: 1 Flammability: 0 Reactivity: 0  
Product Use: Water based cleaner / de sulfater  
Label Hazard Warning: N/A  
Label Precautions: Keep out of reach of children  
Label First Aid: If swallowed, do not induce vomiting. Seek medical attention immediately.

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*