

# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

**Product ID:** 4815-0  
**Product Name:** IMPERIAL BATTERY CLEANER  
**Revision Date:** Aug 20, 2020  
**Version:** 2.0  
**Distributor's Name:** IMPERIAL SUPPLIES  
**Address:** P.O. BOX 11008 - GREEN BAY, WI 54307  
**Emergency Phone:** 1-800-535-5053  
**Information Phone Number:** (920) 494-7474  
**Product/Recommended Uses:** Battery terminal cleaner

**Date Printed:** 12/8/20  
**Supersedes Date:** Nov 18, 2016

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Eye Irritation - Category 2A

### Pictograms



### Signal Word

Warning

### Hazardous Statements - Health

H319 - Causes serious eye irritation

### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### Precautionary Statements - Prevention

P264 - Wash hands thoroughly after handling.

P280 - Wear eye protection and face protection.

### Precautionary Statements - Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical attention.

### Precautionary Statements - Storage

No precautionary statement available.

### Precautionary Statements - Disposal

No precautionary statement available.

## SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000497-19-8	SODIUM CARBONATE	1% - 3%
0000102-71-6	TRIETHANOLAMINE	1% - 3%
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	1% - 3%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

## SECTION 4) FIRST-AID MEASURES

### Inhalation

No ill effects expected.

### Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

### Skin Contact

No ill effects expected.

### Ingestion

Rinse mouth. Give two glasses of water. If you feel unwell or if concerned: Get medical attention. Do NOT induce vomiting unless under the advice of doctor or POISON CENTER.

### Most Important Symptoms/Effects, Acute and Delayed

No data available.

### Indication of Immediate Medical Attention and Special Treatment Needed

No data available.

## SECTION 5) FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Will not burn. Use extinguishing media suitable for surrounding fire.

### Unsuitable Extinguishing Media

Do not use straight stream of water.

### Specific Hazards in Case of Fire

None.

### Fire-Fighting Procedures

Will not burn. Use extinguishing media suitable for surrounding fire.

### Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6) ACCIDENTAL RELEASE MEASURES

### Emergency Procedure

Pick up with mop or wet vac. Rinse spill area with water. Do not walk through released material.

### Recommended Equipment

Not Applicable.

### Personal Precautions

Not Applicable.

### Environmental Precautions

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Methods and Materials for Containment and Cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## SECTION 7) HANDLING AND STORAGE

### General

Do not get in eyes.  
Use good personal hygiene practices.  
Eating, drinking and smoking in work areas is prohibited.

### Ventilation Requirements

Not Applicable.

### Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Keep containers securely sealed when not in use. Store at temperatures under 120°F. Keep from freezing.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye Protection

Not Applicable.

### Skin Protection

Not Applicable.

### Respiratory Protection

Not Applicable.

### Appropriate Engineering Controls

Not Applicable.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)
ETHYLENE GLYCOL MONOBUTYL ETHER	240	50				1	1	
HYDROGEN PEROXIDE	1.4	1					1	
SODIUM HYDROXIDE	2						1	
TRIETHANOLA MINE								5

Chemical Name	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
ETHYLENE GLYCOL MONOBUTYL ETHER	20			A3	A3; BEI	Eye & URT irr	24	5
HYDROGEN PEROXIDE	1			A3	A3	Eye, URT & skin irr	1.4	1
SODIUM HYDROXIDE		C 2				URT, eye, & skin irr		
TRIETHANOLA MINE						Eye & skin irr		

Chemical Name	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen
ETHYLENE GLYCOL MONOBUTYL ETHER			
HYDROGEN PEROXIDE			
SODIUM HYDROXIDE			
TRIETHANOLA MINE			

(C) - Ceiling limit, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, BEI - Substances for which there is a Biological Exposure Index or Indices, irr - Irritation, URT - Upper respiratory tract

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Density	8.51 lb/gal
Density VOC	0.090 lb/gal
% VOC	1.00%

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Appearance	Yellow liquid
Odor Threshold	N.A.
Odor Description	Mild
pH	11.5
Water Solubility	N.A.
Flammability	N.A.
Flash Point Symbol	N.A.
Flash Point	N.A.
Viscosity	N.A.
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	N.A.
VOC Composite Partial Pressure	N.A.

## SECTION 10) STABILITY AND REACTIVITY

### Stability

The product is stable under normal storage conditions.

### Conditions to Avoid

None.

### Incompatible Materials

None known.

#### **Hazardous Reactions/Polymerization**

Will not occur.

#### **Hazardous Decomposition Products**

None known.

### **SECTION 11) TOXICOLOGICAL INFORMATION**

#### **Skin Corrosion/Irritation**

No data available.

#### **Serious Eye Damage/Irritation**

Causes serious eye irritation

#### **Carcinogenicity**

No data available.

#### **Germ Cell Mutagenicity**

No data available.

#### **Reproductive Toxicity**

No data available.

#### **Respiratory/Skin Sensitization**

No data available.

#### **Specific Target Organ Toxicity - Single Exposure**

No data available.

#### **Specific Target Organ Toxicity - Repeated Exposure**

No data available.

#### **Aspiration Hazard**

No data available.

#### **Acute Toxicity**

No data available.

### **SECTION 12) ECOLOGICAL INFORMATION**

#### **Toxicity**

No data available.

#### **Persistence and Degradability**

No data available.

#### **Bio-Accumulative Potential**

No data available.

#### **Mobility in Soil**

No data available.

#### **Other Adverse Effects**

No data available.

#### **Results of the PBT and vPvB assessment**

No data available.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## SECTION 14) Transport Information

	U.S. DOT Information	IMDG Information	IATA Information
<b>UN number:</b>	Not Regulated	Not Regulated	Not Regulated
<b>Proper shipping name:</b>	N/A	N/A	N/A
<b>Hazard class:</b>	Not Applicable	Not Applicable	Not Applicable
<b>Packaging group:</b>	Not Applicable	Not Applicable	Not Applicable
<b>Hazardous substance (RQ):</b>	No Data Available		
<b>Marine Pollutant:</b>	No Data Available	No Data Available	
<b>Note / Special Provision:</b>	No Data Available	No Data Available	No Data Available
<b>Toxic-Inhalation Hazard:</b>	No Data Available		

## SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000497-19-8	SODIUM CARBONATE	1% - 3%	SARA312, TSCA
0000102-71-6	TRIETHANOLAMINE	1% - 3%	SARA312, TSCA, ACGIH
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	1% - 3%	SARA313, CERCLA, SARA312, VOC, TSCA, ACGIH, OSHA,
0000064-02-8	EDTA TETRASODIUM SALT	Trace	SARA312, TSCA
0070592-80-2	Amines, C10-16-alkyldimethyl, N-oxides	Trace	SARA312, TSCA
0001310-73-2	SODIUM HYDROXIDE	Trace	CERCLA, SARA312, TSCA, ACGIH, OSHA
0005064-31-3	NITRILOTRIACETIC ACID, TRISODIUM SALT	Trace	SARA312, TSCA
0007722-84-1	HYDROGEN PEROXIDE	Trace	SARA312, TSCA, ACGIH, OSHA

## SECTION 16) OTHER INFORMATION

### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit;

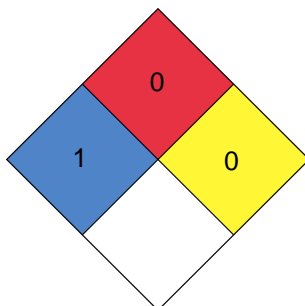
ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

KEEP AWAY FROM CHILDREN  
 FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY  
 FOR USE BY TRAINED PERSONNEL ONLY  
 KEEP CONTAINER CLOSED DURING STORAGE

**HMIS**

Health	/ 1
FLAMMABILITY	0
Physical Hazard	0
Personal Protection	B

**NFPA**



(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

**Version 2.0:**

Revision Date: Aug 20, 2020

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