



**ANTI-SEIZE TECHNOLOGY**  
A.S.T. Industries, Inc.

## **Battery Cleaner with Indicator**

### **SAFETY DATA SHEET**

#### **Section 1- Product and Company Identification**

**Manufacture/Supplier :** Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

**Phone:** 847-455-2300

**Fax:** 847-455-2371

**Web:** antiseize.com

**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053 ( US & Canada )  
1-352-323-3500 ( International )

**Web:** infotrac.net

**Product Use:** BATTERY CLEANER

**Date:** December 5, 2017

#### **Section 2-Hazard Identification**

**GHS Classification (Hazcom 2012):**

Not hazardous in accordance with the OSHA Hazard Communication Standard (29CFR 1910.1200).

**Label Elements:**

None

**Hazard Phrases:**

None

**Precautionary Phrases:**

None

**Other Hazards:** None

**Precautionary Phrases:**

**Prevention:**

Do not get in eyes

Wash with soap and water after handling

**Response:**

IF IN EYES: Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do, continue rinsing. If eye irritation persists seek medical attention.

IF SWALLOWED: Rinse mouth with water. Continue rinsing. If you feel unwell: Get medical advice

IF ON SKIN: Wash with soap and water.

**Storage:**

When not in use keep container closed

Keep away from children

**Disposal:** Dispose of contents in accordance with local, regional and national regulations.

### Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Sodium metasilicate	6834-92-0	4-10
Amine oxide	Blend	1-5
Quaternary Ammonium Chloride	68610-19-5	1-5
Non Ionic Surfactant	Blend	1-5

The specific identity and/or exact percentage of composition has been withheld as a trade secret

### Section 4 – First Aid Measures

**Eye:** Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

**Skin:** Wash thoroughly with plenty of water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

**Ingestion:** If large amounts ingested, seek medical attention.

**Most Important symptoms and effects, both acute and delayed:** None known.

**Indication of any immediate medical attention and special treatment needed:** Immediate medical attention generally not required.

### Section 5 – Fire Fighting Measures

**Suitable and Unsuitable Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical.

**Special Hazards Arising from the Chemical:** This compound will not burn . Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating. Pressure build up may cause container to rupture. Spilled material can present a slip hazard.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment. Use caution: slip hazard.

**Environmental Hazards:** Not expected.

**Methods and Material for Containment and Cleaning Up:** Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid prolonged skin contact Do not transfer to unlabeled containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store away from extreme heat and open flames. Store away from oxidizers.

### Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Sodium metasilicate	2 mg/m <sup>3</sup> as dust

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits.

**Individual Protection Measures:** Not required under normal conditions of use.

**Respiratory Protection:** Not required under normal conditions of use.

**Skin Protection:** Not required under normal conditions of use.

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

### Section 9 – Physical and Chemical Properties

<b>Appearance:</b> orange colored liquid	<b>Vapor Density (air = 1):</b> no data
<b>Odor:</b> mild odor	<b>Specific Gravity:</b> 0.9
<b>Odor Threshold:</b> Not established	<b>Water Solubility:</b> soluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Freezing Point:</b> 32°F	<b>Autoignition Temperature:</b> Not available
<b>Boiling Point:</b> 212°F	<b>Decomposition Temperature:</b> Not available
<b>Flash Point:</b> non-flammable	<b>Viscosity:</b> Not available
<b>Evaporation Rate:</b> no data	<b>Explosion Properties:</b> None
<b>Flammable Limits:</b> LEL: Not established UEL: Not established	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure:</b> Not established	<b>Aerosol Fire Protection Level:</b> Not applicable

	<b>Flammability (solid, gas):</b> not flammable
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<b>Section 10 – Stability and Reactivity</b>
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**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Use with strong oxidizing chemicals such as concentrated acids.

**Incompatible Materials:** Avoid strong oxidizing agents and acids.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

<b>Section 11 – Toxicological Information</b>
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**Potential Health Effects:**

**Eye:** May cause mild irritation.

**Skin:** None known

**Inhalation:** No adverse effects expected at ambient temperatures.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

**Chronic Hazards:** None expected.

**Carcinogen Status:** None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

<b>Section 12 – Ecological Information</b>
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No further information is available.

<b>Section 13 – Disposal Consideration</b>
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**Waste disposal:** Dispose of in a responsible manner. Follow local, state and federal guidelines.

<b>Section 14- Transport Information</b>
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**DOT**

**Proper Shipping Name:** Not regulated

**DOT Technical Name:** None

**DOT Hazard Class:** None

**UN Number:** None

**DOT Labels Required (49CFR172.101):** None

**IMDG**

**Shipping Description:** Not regulated

**ID Number:** None

**Hazard Class:** None  
**Packing Group:** None  
**Labels Required:** None  
**Marking Required:** None  
**Placards Required:** None

**ICAO/IATA**

**ID Number:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Labels Required:** None  
**Marking Required:** None  
**Placards Required:** None

**Section 15 – Regulatory Information**

**CERCLA Hazardous Substances (Section 103)/RQ:** This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Not Hazardous

**SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: None

**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** This product is not known to contain listed chemicals.

**Section 16 – Other Information:**

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.