



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

# HEAVY DUTY LIQUID CLEANER / DEGREASER 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:** cleaner / degreaser

**Restriction of Use:**

**Date:** August 16, 2023

## Section 2-Hazard Identification

### GHS Classification ( Hazcom 2012):

Keep out of reach of children.

Skin Irritation Category 2

Eye Irritation Category 2A

Specific Target Organ Toxicity – Single Exposure Category 3 (respiratory irritation)

### Label Elements:



### Signal word:

WARNING

### Hazard Phrases:

May be harmful if swallowed.

May be harmful in contact with skin.

Causes skin irritation.

May cause respiratory irritation.

### Precautionary Phrases:

Keep only in original container

Avoid breathing mist, spray.

Do not get in eyes, on skin or on clothing.

Wear protective gloves, eye protection.

**Response:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing. If eye irritation persists get medical advice/attention.

**Skin:** IF ON SKIN: Rinse with plenty of water, continue rinsing. Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. If skin irritation occurs: use a quality hand cream to restore skin moisture.

**Ingestion:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If you feel unwell seek medical advice.

**Inhalation:** If experiencing respiratory symptoms: increase ventilation or use a NIOSH approved Organic Vapor Respirator.

**Storage:**

When not in use keep container closed  
Keep away from children

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

**Other Hazards:** Slip Hazard

<b>Section 3- Composition/ Information on Ingredients</b>
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CHEMICAL	CAS NUMBER	PERCENT
Sodium Metasilicate	6834-92-0	1-5
Nonylphenol ethoxylate	9016-45-9	0.5-5
Phosphate ester surfactant	52623-95-7	0.5-5
Ethylene Glycol monobutyl ether	111-76-2	5-15

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

<b>Section 4 – First Aid Measures</b>
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**Eye:** Flush eyes with water, holding the eyelids apart. Flush for at least 15 minutes. Get medical attention if irritation develops or persists.

**Skin:** Wash thoroughly with plenty of water. Continue rinsing for 5-10 minutes. Get medical attention if irritation persists.

**Inhalation:** May be irritating to the respiratory tract if sprayed. Avoid breathing mist or spray. Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

**Ingestion:** Drink large amounts of water to dilute. Do not induce vomiting. If large amounts ingested, seek medical attention.

**Most Important symptoms and effects, both acute and delayed:** Skin irritation can occur. Symptoms can include skin redness, skin irritation, dry skin. If this product is sprayed at full strength it may result in respiratory irritation. Symptoms are coughing, shortness of breath.

**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:** This product will not burn.

**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 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.

**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. Spilled or leaked material presents a slip hazard.

## Section 6 – Accidental Release Measures

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

**Environmental Hazards:** none known

**Methods and Material for Containment and Cleaning Up:** Use wet vac, absorbent material or water to clean up spills.

## Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid prolonged skin contact Do not transfer to unlabeled containers. If using this product in its concentrated form wear water proof gloves or avoid prolonged contact with skin. If this material is being sprayed a NIOSH approved organic vapor respirator may be required.

**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	3mg/m <sup>3</sup> ( as dust) OSHA PEL
Ethylene glycol monobutyl ether	20ppm ACGIH, TWA 50ppm, OSHA, PEL

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

**Individual Protection Measures:**

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

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

## Section 9 – Physical and Chemical Properties

<b>Appearance:</b> Green colored liquid	<b>Vapor Density (air = 1):</b> No data
<b>Odor:</b> Mild odor	<b>Specific Gravity:</b> 0.95
<b>Odor Threshold:</b> Not established	<b>Water Solubility:</b> Not soluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Freezing Point:</b> 30°F	<b>Autoignition Temperature:</b> Not available
<b>Boiling Point:</b> 212°F	<b>Decomposition Temperature:</b> Not available
<b>Flash Point:</b> no data	<b>Viscosity:</b> Not available
<b>Evaporation Rate:</b> no data	<b>Explosion Properties:</b> None
<b>Flammable Limits:</b> <b>LEL:</b> Not established <b>UEL:</b> Not established	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure:</b> Not established	<b>Aerosol Fire Protection Level:</b> Not applicable
<b>VOC:</b> 9.3%	

## Section 10 – Stability and Reactivity

**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.

## Section 11 – Toxicological Information

### Potential Health Effects:

**Eye:** May cause mild irritation if splashed in eyes.

**Skin:** Prolonged contact may cause irritation of the skin.

**Inhalation:** Inhalation of mist or spray may irritate the respiratory tract.

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

**Chronic Hazards:** No further information.

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

Sodium Metasilicate:

LD50, oral , rat, 1280mg/kg

LD 50, oral, mouse 2400mg/kg

Ethylene Glycol monobutyl ether:

LD50, oral, rat, 1300 mg/kg

LD50, Dermal, Rat, >2000mg/kg

LD50, inhalation vapor, Rat 3 hr, >4.9mg/l

#### Section 12 – Ecological Information

**Ecotoxicity:** no information

**Bioaccumulative Potential:** no information

**Mobility in Soil:** no information

**Other Adverse Effects:** no information

#### Section 13 – Disposal Consideration

**Waste disposal:** Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

#### Section 14- Transport Information

##### DOT

**Proper Shipping Name:** Not Regulated

**DOT Hazard Class:** None

**UN Number:** None

**Packing Group:** None

##### IMDG

**Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** none

##### ICAO/IATA

**Shipping Description:** Not Regulated

**ID Number:** Not Regulated

**Hazard Class:** Not Regulated

**Packing Group:** 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 302:** No chemicals are subject to the reporting requirements.

**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.