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

ANTI-SEIZE SPECIAL™

AEROSOL

SAFETY DATA SHEET

SECTION 1-PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aerosol Anti-Seize Special™

Manufacturer: Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

Information Phone Number: 847-455-2300 or 800 991-1106

Web: antiseize.com

Emergency Phone Number: Infotrac 24/7 Phone: 1-800-535-5053 (US & Canada) or 352-323-3500 (International)

Product Use: Anti-Seize Compound
Restriction on Use: Use only as directed

SDS Date of Preparation: August 22, 2025

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification OSHA HazCom. Standard 29 CFR 1910.1200.

Flammable Aerosol Category 1
Skin Irritation Category 2
Eye Irritation Category 2A
Aspiration Hazard Category 1
Specific Target Organ Toxicity – Single Exposure Category 3 (Narcotic effects)
Label Elements:

Signal Word : DANGER

Hazard Phrases:
H222+H229- Extremely flammable aerosol. Pressurized container: may burst if heated
H315- Causes skin irritation.
H319- Causes serious eye irritation.
H304- May be fatal if swallowed and enters airways.
H336- May cause drowsiness or dizziness.

Precautionary Phrases:
Prevention
P264-Wash thoroughly after handling.
P280-Wear protective gloves, eye and face protection.
P261-Avoid breathing mist or spray.
P271-Use only outdoors or in a well-ventilated area.
P362+P364-Take off contaminated clothing and wash it before reuse.
P210-Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P211-Do not spray on an open flame or other ignition source.
P251-Do not pierce or burn, even after use.
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.
P302+P352**- IF ON SKIN**: Wash with plenty of water.
P332+P313-If skin irritation occurs: Get medical attention.
P301**-SWALLOWED:** Immediately call a POISON CENTER or doctor.
P304+P340**-IF INHALED**: Remove person to fresh air and keep comfortable for breathing. Do **NOT** induce vomiting
P312-Call a POISON CENTER or doctor if you feel unwell

Storage
Store in a well-ventilated place.
P405- Store locked up.
P410+P412-Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F

Disposal
P501-Dispose of contents in accordance with local, regional and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Chemical Name	**CAS#**	**%**
Acetone	67-64-1	20-30
Heptane	142-82-5	15-25
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	8-12
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	8-12
Propane	74-98-6	5-15
Butane	106-97-8	5-15
Copper	7440-50-8	5-8
Aluminum	7429-90-5	1-5
Graphite	7782-42-5	3-7

Content partially unknown		0.1-1

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

SECTION 4: FIRST AID MEASURES

Eye: Immediately flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.
Skin: I case of contact, 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: Aspiration Hazard. DO NOT induce vomiting. Get immediate medical attention.
Most Important symptoms and effects, both acute and delayed: Causes eye and skin irritation. Product is an aspiration hazard. May enter the lungs during swallowing or vomiting and cause lung damage. Inhalation may cause irritation, headache, dizziness and drowsiness.
Indication of any immediate medical attention and special treatment needed: Immediate medical attention required for ingestion.

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: Extremely flammable aerosol. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Combustion may produce carbon dioxide, carbon monoxide.
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. Protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Eliminate all sources of ignition with explosion-proof equipment. Ventilate area.
Environmental Hazards: Report spills and releases as required to appropriate authorities.
Methods and Material for Containment and Cleaning Up: Place leaking container into a suitable container and place in a well-ventilated area until the propellant has dissipated. 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 breathing vapors and mists. Use with adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Do not smoke while using.
Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Acetone	250 ppm TWA ACGIH TLV 500 ppm STEL ACGIH TLV 1000 ppm TWA OSHA PEL
Heptane	400 ppm TWA ACGIH TLV 500 ppm STEL ACGIH TLV 500 ppm TWA OSHA PEL
Distillates (petroleum), solvent-dewaxed	5 mg/m3 TWA ACGIH TLV (inhalation)

heavy paraffinic	
Distillates (petroleum), hydrotreated heavy naphthenic	None Established
Propane	1000 ppm TWA OSHA PEL
Butane	1000 ppm STEL ACGIH TLV
Copper, dust or fume	1 mg/m3 TWA ACGIH TLV 1 mg/m3 TWA OSHA PEL
Aluminum, dust or fume	1 mg/m3 TWA ACGIH TLV 15 mg/m3 TWA OSHA PEL total dust 5 mg/m3 TWA OSHA PEL respirable fraction
Graphite	2 mg/m3 TWA ACGIH TLV respirable 15 mg/m3 TWA OSHA PEL total dust 5 mg/m3 TWA OSHA PEL respirable fraction

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

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 nitrile recommended where needed to avoid skin contact .

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Aerosol	**Vapor Density (air = 1):** >1
Odor: Mild odor	**Specific Gravity:** 0.7
Odor Threshold: Not established	**Water Solubility:** Not soluble
pH: Not available	**Octanol/Water Partition Coefficient:** Not available
Melting Point/Freezing Point: Not available	**Autoignition Temperature:** Not available
Boiling Point: -44 to 208 ºF	**Decomposition Temperature:** Not available
Flash Point: -141 ºF (propellant)	**Viscosity:** Not available
Evaporation Rate: Not available	**Explosion Properties:** None
Flammable Limits: **LEL**: Not established **UEL:** Not established	**Oxidizing Properties:** Not oxidizing
Vapor Pressure: Not established	**Aerosol Fire Protection Level:** Level 2 Aerosol (NFPA 30B)
VOC Content: 39.81%	**Flammability (solid, gas):** Propellant if a

	flammable gas

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: Keep away from heat, sparks, flames and other sources of ignition. Dropping containers may cause bursting.
Incompatible Materials: Avoid strong oxidizing agents and acids. Concentrated oxygen.
Hazardous Decomposition Products: Thermal decomposition may produce carbon dioxide, carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:
Eye: Causes serious eye irritation.
Skin: Contact may cause irritation and drying of the skin.
Inhalation: Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.
Ingestion: If swallowed, this material may cause irritation of the mouth, throat and esophagus. Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea, dizziness, drowsiness and other central nervous system effects. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death.
Chronic Hazards: None known.
Carcinogen Status: None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.
Acute Toxicity Values: Acetone: Oral rat LD50: 5800 mg/kg, dermal rabbit LD50 >7426 mg/kg available.

Heptane: Oral rat LD50 >5000 mg/kg, inhalation rat LC50 ≥ 29.29 mg/L, dermal rabbit LD50 >2000 mg/kg
Distillates (petroleum), solvent-dewaxed heavy paraffinic: Oral rat LD50 > 5000 mg/kg Inhalation rat LC50: 2.18 mg/L, Dermal rabbit LD50 > 2000 mg/kg
Distillates (petroleum), hydrotreated heavy naphthenic: Oral rat LD50 > 5000 mg/kg, Inhalation rat LC50: 1.8 mg/L, dermal rabbit LD50 > 2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:
Acetone: Acute: Ulva pertusa EC50: 20.565 mg/L/96h, Gammarus pulex: 6000 mg/L/48hr, Daphnia magna: 10 mg/L/48hr, Pimephales promelas Juvenile: 100 mg/L/96hr
Chronic: Ulva pertusa NOEC: 4.95 mg/L/96hr, Daphniidae NOEC: 0.016 ml/L/21days, Daphnia magna NOEC: 0.1 ml/L/21days
Persistence and Degradability: Acetone and heptane are readily biodegradable.
Bioaccumulative Potential: Acetone is not bioaccumulative. Heptane may bioaccumulate based on a log Kow of 4.66
Mobility in Soil: No data available
Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations. Do not puncture or incinerate containers. When contents are depleted, continue to depress button until all gas is expelled.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name: UN1950, Aerosols, Limited Quantity
DOT Technical Name: None
DOT Hazard Class: 2.1
UN Number: UN1950
DOT Labels Required (49CFR172.101): LTD QTY

ICAO/IATA
Proper Shipping Name: Aerosols, flammable
Hazard Class: 2.1, Ltd Qty
Identification Number: UN 1950

IMDG Shipping Description: UN1950, Aerosols, Limited Quantity
ID Number: UN1950
Hazard Class: 2.1
Packing Group: None
Labels Required: None
Marking Required: Limited Quantity Mark
Placards Required: Limited Quantity

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.
CERCLA Hazardous Substances (Section 103)/RQ: This product has an RQ of 16,666 lbs based on the RQ for acetone of 5000 lbs. In addition, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
SARA Hazard Category (311/312): Fire Hazard, Pressure Hazard, Acute Health
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

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.