



AST™ SOLVENT DEGREASER Aerosol SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17071

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

Phone: 847-455-2300

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Web: antiseize.com

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

Product Use: General degreasing

Date: July 21,2021

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Flammable Aerosols – Category 1

Skin corrosion/irritation – Category 2

Carcinogenicity – Category 2

Specific target organ toxicity (single exposure) – Category 3

Aspiration toxicity – Category 1

Gases under pressure – Compressed Gas

Label Elements:



Signal word: Danger

Hazard Phrases:

Extremely flammable aerosol

Contains gas under pressure; may explode if heated.

Causes skin irritation.

Suspected of causing cancer

May cause respiratory irritation.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Precautionary Phrases:

Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves, eye and face protection.
Use only outdoors or in a well-ventilated area.
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing mist or spray.
Keep away from heat, sparks, open flames or hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.

Response:

If exposed or concerned: Get medical advice, attention
Specific treatment (see first aid on label)

Skin: IF ON SKIN: Wash with soap and water. If skin irritation or rash occurs: Get medical attention. Remove contaminated clothing and wash before reuse.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a Poison Center or doctor/physician if you feel unwell.

Ingestion: IF SWALLOWED: Immediately call a poison center or doctor/physician. Do NOT induce vomiting

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 attention.

Storage:

Store locked up
Store in a well-ventilated place.
Keep container tightly closed
Protect from sunlight
Store at temperatures not exceeding 122°F, (50°C)

Disposal: Dispose of contents, container to an approved waste disposal plant

Other Hazards: When finished cleaning, all clean up rags should be spread out in a well ventilated area or placed into a flammable container with closable lid.

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Kerosene	8008-20-6	90-100
Nitrogen Gas	7727-37-9	0.1-1.0
Naphthalene	91-20-3	0.1 -1.0

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

Section 4 – First Aid Measures

General advice: Avoid contact with eyes, skin and clothing. Avoid breathing vapors, mist or gas

Eye: Flush eyes with water, holding the eyelids apart. Rinse for several minutes. Remove contact lenses. Continue rinsing. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of soap and 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 immediate medical attention. Do NOT induce vomiting.

Most Important symptoms and effects, both acute and delayed: No Data.

Indication of any immediate medical attention and special treatment needed: Skin redness or skin rash. Coughing may be an indication of respiratory irritation. Seek fresh air. May be fatal if swallowed and enters airway

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: 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 and other noxious fumes.

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. Ruptured cans represent a slip hazard.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard. Ventilate area. Remove ignition sources. Use a NIOSH approved organic vapor respirator or SCUBA gear.

Environmental Hazards: Report spills and releases as required to appropriate authorities. Do not allow product to enter sewers or other water ways.

Methods and Material for Containment and Cleaning Up: Collect spilled material for disposal. Absorb spill with inert materials then place in a chemical waste container. All clean up rags should be spread out in a well ventilated area or placed into a flammable container with closable lid.

Section 7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact and clothing. Avoid breathing vapors, mist or spray. Do not transfer to unlabeled containers. Use only in well ventilated areas. Avoid using in confined spaces. Do not pierce or burn, even after use. Do not smoke while using this material. Do not spray onto hot surfaces or incandescent materials. Wash thoroughly after use. Avoid release to environment.

Conditions for Safe Storage, Including any Incompatibilities: Store away from extreme heat, sparks and open flames. Store in a well ventilated area. Pressurized container. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Store away from strong oxidizers, alkalis, strong acids.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Kerosene	ACGIH TLV (United States). TWA: 200mg/m ³ total hydrocarbon vapor application restricted to conditions in which there are negligible aerosol exposures.
Nitrogen Gas	See appendix f: minimal oxygen content
Naphthalene	10 ppm, OSHA TWA, 8 hrs. 10 ppm, ACGIH TWA, 8 hrs.

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

Appearance: Aerosol clear liquid	Vapor Density (air = 1): No data
Odor: solvent odor	Specific Gravity: 0.76
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: No Data	Autoignition Temperature: Not available
Boiling Point: No data	Decomposition Temperature: Not available
Flash Point: 46-71°C,116/159°F	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	VOC : 0.25%

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: Avoid impact, friction, heat, sparks, open flames, hot surfaces and other ignition sources.

Incompatible Materials: Avoid strong oxidizing agents, alkalis and acids.

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

Section 11 – Toxicological Information

Likely routes of exposure

Inhalation: Avoid inhaling vapors or mists. Harmful if inhaled. May cause irritation to respiratory system.

Eye contact: May be irritating to the eyes

Skin contact: Causes skin irritation

Ingestion: May be fatal if swallowed and enters airways.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Kerosene	>5000mg/kg (rat)	>2000 mg/kg (rabbit)	>5.28 mg/L (rat) 4 hr
Naphthalene	=1110 mg/kg (rat)	=1120 mg/kg (rabbit)	>340 mg/m ³ (rat) 1 hr

Potential Health Effects:

Eye: May cause eye irritation.

Skin: Prolonged contact may cause mild irritation of the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash)

Inhalation: Inhalation of vapors and fumes may cause respiratory irritation .

Ingestion: Harmful if swallowed . Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

Chronic Hazards: Intentional misuse by deliberately concentration and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

Carcinogenicity

Petroleum Distillate 8008-20-6 ACGIH A3, IARC Group 3

Naphthalene 91-20-3, ACGIH A3, IARC Group 2B NTP Reasonably Anticipated

Section 12 – Ecological Information

Long term Ecological studies have not been performed on this product.

Naphthalene , CAS 91-20-3, 0.4 mg/L EC50 Skeletonema costatum , 72 hrs, 0.91-2,82 mg/L LC50 oncorhynchus mykiss 96 hr static

Bioaccumulative Potential: No Information.

Mobility in Soil: No information

Other Adverse Effects: No information.

Section 13 – Disposal Consideration

Waste disposal: This material , as supplied , is a hazardous waste according to federal regulations. (40CFR 261). Dispose of in accordance with federal, state and local regulations.
Empty containers should be taken to an approved waste handling site for recycling or disposal. Pressurized container: Do not pierce or burn , even after use.

Section 14- Transport Information

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

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

ICAO/IATA

Proper shipping name: Aerosol, Flammable
Hazard Class: 2.1
Identification Number: UN 1950
Packing Group: None

Section 15 – Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product has been reviewed according to the EPA Hazard Categories, under Sections 311 and 312 of SARA and is considered, under applicable definitions, does contain the following chemical ('s): Naphthalene, 91-20-3

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: Napthalene , CAS 91-20-3, 0.1-1.0%

Clean Water Act
Naphthalene, 91-20-3 100lb RQ, toxic pollutant, Priority Pollutant, Hazardous Substance


SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health star hazard	Yes
Fire Hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	No

Canada, DSL/NDSL

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

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

CALIFORNIA PROPOSITION 65:  . This product can expose you to naphthalene, a chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Section 16 – Other Information:

NFPA Health-2, Flammability=4, Instability -0 , Physical and chemical hazards
HMIS Health-2, Flammability-4, Physical hazard-1, PP-B

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