



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

AST™ CONTACT CLEANER, FLAMMABLE Aerosol SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17036

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

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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: Electronic cleaner

Date: December 5, 2017

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Flammable Liquids, Category 2
Gases under pressure, compressed gas
Skin irritation Category 2
Eye irritation Category 2A
Aspiration hazard, Category 1
Aerosol, Category 1
Chronic aquatic toxicity, Category 1
Acute aquatic toxicity, Category 1
Acute toxicity Oral, Category 5

Label Elements:



Signal word: Danger

Hazard Phrases: Physical

Extremely Flammable aerosol. Pressurized container may burst if heated
Highly flammable liquid and vapor

Hazard Statement: Health

May be harmful if swallowed
May be fatal if swallowed and enters airways
Causes serious eye irritation
Causes skin irritation

Hazard statement- Environmental

Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

Precautionary Statements-Prevention

Avoid release to the environment
Wash thoroughly after handling
Wear protective eye protection
Do not spray on an open flame or other ignition source
Do not burn, even after use
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

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 attention.

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.

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

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

Storage:

Store in a well-ventilated place.
Store locked up.
Store at temperatures not exceeding 122°F, (50°C)
Store out of sunlight.

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

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 |
|----------------|------------|---------|
| n-Heptane | 142-82-5 | 30-50 |
| Difluoroethane | 75-37-6 | 15-30 |
| Propane | 75-37-6 | 15-30 |

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. 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.

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 |
|---------------|-----------------|
|---------------|-----------------|

| | |
|----------------|--|
| n-Heptane | 500ppm, OSHA TWA 85ppm, NIOSH TWA 400ppm, ACGIH TWA |
| Difluoroethane | 2.5mg/m ³ , OSHA TWA 2.5 mg/m ³ , ACGIH TWA |
| Propane | 1000ppm , OSHA TWA 1000ppm NIOSH TWA |

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: clear liquid | Vapor Density (air = 1): 4.7 |
| Odor: solvent 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: No Data | Autoignition Temperature: Not available |
| Boiling Point: No data | Decomposition Temperature: Not available |
| Flash Point: No data | 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 : 73.5 |

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 or toxic fumes may be generated, some of which may be toxic or irritating.

Section 11 – Toxicological Information

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

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: No data.

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

Section 12 – Ecological Information

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

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: 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 and Marine Pollutant

ICAO/IATA

Proper shipping name: Aerosol, Flammable
Hazard Class: 2.1
Identification Number: UN 1950
Packing Group: None
Placards Required: Limited Quantity and Marine Pollutant Mark On Transport Containers

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, to meet the following categories: Fire Hazard.

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.