



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

AEROSOL AIR TOOL CONDITIONER SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17011

Manufacture/Supplier : Anti-Seize Technology
2345 N. 17th 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: Air tool lubricant

Date: May 7, 2018

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Specific Target Organ Toxicity-Single Exposure (Narcotic Effects) Category 3

Aerosol, Category 1

Gases under pressure-compressed gas

Skin irritation, Category 2

Aspiration Hazard, Category 1

Label Elements:



Signal word:

DANGER

Hazard Phrases:

H222-- Extremely flammable aerosol

H280—Contains gas under pressure; may explode if heated

Hazard Statement-Health;

H304-- May be fatal if swallowed and enters airways

H315-- Causes skin irritation

P101-- If medical advice is needed, have product container or label at hand
P102-- Keep out of reach of children
H103-- Read label before use.

Precautionary Phrases:

P261—Avoid breathing vapors/spray
P271—Use only outdoors or in a well ventilated area
P264—Wash thoroughly after handling
P210—Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P280—Wear protective gloves/ eye protection.
P211—Do not spray on an open flames or other ignition source.
P251—Do not pierce or burn, even after use

Response:

P304+340—IF INHALED: remove person to fresh air and keep comfortable for breathing
P312—Call a POISON CENTER or doctor/physician if you feel unwell.
P301+310—IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331—Do NOT induce vomiting
P302+P352—IF ON SKIN: Wash with plenty of soap and water.
P332+P313—If skin irritation occurs: Get medical attention.
P362+P364—Take off contaminated clothing and wash before reuse.

Storage:

P403+P405—Store in a well ventilated place, store locked up.
P410—Protect from sunlight
P412—Do not expose to temperatures exceeding 50°C/122°F

Disposal:

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

Other Hazards:

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
MINERAL OIL	8042-47-5	30%-52%
ISOPARAFFINIC PETROLEUM DISTILLATE	64742-47-8	20%-35%
PROPANE	74-98-6	4%-10%
BUTANE	106-97-8	2%-5%
ISOBUTANE	75-28-5	1%-3%

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. Remove contacts lenses if easy to do so. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of water. Get medical attention if irritation persists. Remove all contaminated clothing and wash thoroughly before reuse.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention from a poison control center or doctor. Eliminate all ignition sources if possible.

Ingestion: Rinse mouth, do NOT induce vomiting. Call a poison center/doctor. If vomiting occurs naturally lie person on side in a recovery position. Never give anything to an unconscious or convulsing person by mouth.

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. Carbon dioxide can displace oxygen, use with caution in confined spaces. Do not use water and foam on the same surface as water destroys the foam.

Special Hazards Arising from the Chemical: Contents under pressure, keep away from sources of ignition and open flames. If containers exposed to extreme heat they are susceptible to rupturing, often with violent force. In fire, will decompose to form carbon dioxide and carbon monoxide.

Special Equipment and Precautions for Fire-Fighters: Wear a protective pressure self contained breathing apparatus (SCBA) and full turnout gear.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard. ELIMINATE all sources of ignition in immediate area, keep unnecessary people away, isolate hazard area. Use absorbent sweeping compound to soak up material and put in proper container for disposal.

Environmental Hazards: Report spills and releases as required to appropriate authorities. Prevent spilled material from entering sewers, storm drains, or other drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Material for Containment and Cleaning Up: Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Keep from entering waterways and sewers.

Section 7 – Handling and Storage

Precautions for Safe Handling:

For industrial use only

For use by trained personnel only

Keep away from children

Wash hands after use

Do not get in eyes, on skin or clothing
 Do not eat, drink, or smoke in work areas
 Eyewash stations and showers should be available in areas where this material is used and stored.

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. Keep containers tightly closed and properly labeled. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous. Do not cut, drill, grind, weld near containers.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
BUTANE	800 ppm NIOSH TWA 1000 ppm ACGIH TWA
ISOBUTANE	800 ppm NIOSH TWA 1000 ppm ACGIH TWA
ISOPARAFFINIC PETROLEUM DISTILLATES SOLVENT REFINED (MILD) HEAVY PARAFFINIC	500 ppm OSHA TWA
Mineral Oil	500 ppm OSHA TWA
PROPANE	1000 ppm OSHA TWA 1000 ppm 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 29 CFR 1910.134 and good industrial hygiene practice.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact. Wear a long sleeved shirt, pants and other protective clothing to minimize skin contact. Avoid unnecessary skin contact.

Eye Protection: Safety glasses or goggles with side shields are recommended where needed to avoid eye contact. Contact lenses may absorb irritants and cause corneal damage.

Section 9 – Physical and Chemical Properties

Appearance: amber colored liquid, aerosol	Vapor Density (air = 1): No data
Odor: Not available	Specific Gravity: 0.8
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: 0-550°F	Decomposition Temperature: Not available
Flash Point: <73° F	Viscosity: Not available
Evaporation Rate: Slower than ether	Explosion Properties: None
Flammable Limits: LEL: 1.8 UEL: 12	Oxidizing Properties: Not oxidizing
Vapor Pressure: No Data	
VOC Content: 49.4%	Flammability (solid, gas): 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: Use with strong oxidizing chemicals such as concentrated acids.

Incompatible Materials: Avoid strong oxidizing agents and acids.

Hazardous Decomposition Products: In fire, will decompose to carbon dioxide, carbon monoxide.

Section 11 – Toxicological Information

Potential Health Effects:

Eye: May cause mild irritation, redness and a burning sensation.

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

Inhalation: No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation.

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

Chronic Hazards: Prolonged inhalation of thermal decomposition products may result in lung damage.

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

Aspiration Hazard: May be fatal if swallowed and enters airways.

Acute Toxicity: Inhalation: overexposure may cause irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme over exposure may cause unconsciousness and possibly death.

75-28-5 ISOBUTANE

LC50 (mouse, inhalation) 520,000 ppm 2 hour exposure

106-97-8 BUTANE

LC50 (mouse) 202,000 ppm, 4 hour exposure

LC50 (rat) 276,000 ppm, 4 hour exposure

Section 12 – Ecological Information

Ecotoxicity: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

Other Adverse Effects: Not available

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 landfilled at an approved facility. Do not cut, grind, pressurize, weld, glaze empty containers as they may contain product residue.

Section 14- Transport Information

DOT Proper Shipping Name: UN1950, Aerosols, 2.1, LTD QTY

DOT Technical Name: None

DOT Hazard Class: 2.1

UN Number: UN1950

DOT Labels Required (49CFR172.101): LTD QTY

IMDG Shipping Description: UN1950, Aerosols, 2.1, FP -17 C, Limited Quantity, Marine Pollutant

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 Mark On Transport Containers

ICAO/IATA

Proper shipping name: Aerosol, Flammable

Hazard Class: 2.1

Identification Number: UN 1950

Packing Group: None

Section 15 – Regulatory Information

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:

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.