ALL-PURPOSE 4-WAY™
PENETRANT / LUBRICANT, Bulk
SAFETY DATA SHEET

Section 1- Chemical Product and Company Identification

MANUFACTURE / SUPPLIER: Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131
Phone: 847-455-2300
Toll Free: 800 991-1106
Web: antiseize.com

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

Emergency Phone Number: Infotrac 24/7 Phone: 1-800-535-5053 (US & Canada)
or 352-323-3500 (International)
Product Use: Penetrating Oil
Restriction on Use: None known

SDS Date of Preparation: July 30,2021

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification (OSHA HazCom 2012)

Flammable liquid-Category 2
Skin Corrosion/irritant-Category 3
Eye Damage/irritant-Category 2B
Aspiration Hazard-Category 1

Label Elements:

Hazard Phrases:
Danger

Hazard Statements:
Highly flammable liquid and vapor
May be fatal if swallowed and enters airways
Causes mild skin irritation
Causes eye irritation

Precautionary Phrases:
Prevention:
Keep away from heat/sparks/open flames/hot surfaces –No smoking
Keep container tightly closed
Take precautionary measures against static discharge.
Use explosion proof electrical/ventilating/lighting equipement
Wear Protective gloves/protective clothing/eye protection/face protection

Response:
IF SWALLOWED : Do not induce vomiting. Immediately call a POISON CONTROL center or doctor/physician.
IF ON SKIN (or hair):Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. If skin irritation occurs: Get medical advice.
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing. If eye irritation persists: Get medical advice/attention.

In case of fire use CO2, Foam, alcohol foam, Dry chemical, water fog. Water spray may be ineffective

Disposal:
Store locked up
Store in well ventilated place. Keep cool
Dispose of content/container to comply with all local, State and Federal regulations.
Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Petroleum Distillates	8052-41-3	80-90
2-Butoxyethanol (skin)	111-76-2	1-10
Petroleum oil	64742-52-5	1-5

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. Get medical attention if irritation develops or persists.

Skin: 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. Avoid breathing mist or vapor. Use personal protection equipment if exposure exceeds limits.

Ingestion: If large amounts ingested, seek medical attention. Do not induce vomiting as the substance may be aspirated into lungs.

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.

Special Hazards Arising from the Chemical: This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard. Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Clean up with absorbent material an dplace in closed container for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact Do not transfer to unlabeled containers. Avoid breathing vapor or mist. Do not take internally.

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
Petroleum Distillates	100ppm, OSHA PEL 100ppm ACGIH, (inhalable)
2-Butoxyethanol (skin)	50ppm OSHA PEL, skin 240mg/m3, ACGIH
Petroleum oil	5mg/m3 as mist, 8 hr, OSHA PEL 5mg/m3 as mist, 8 hr , ACGIH TLV

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. General dilution and/or local exhaust ventilation in volume to keep PEL/TLV of the most hazardous ingredient below acceptable limit and the LEL below stated limits.

Individual Protection Measures:

Respiratory Protection: None under normal conditions of use. Avoid breathing vapors. In restricted areas, use approve chemical/mechanical filters designed to remove a combination of particles and vapors. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparaturs is required

for vapor concentrations above PEL/ TLV limits.

Skin Protection: Protective gloves are not required under normal conditions of use. 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.

Other protective clothing or equipment: None under normal use. However, use of solvent resistant aprons or other clothing is recommended. Eye washes and safety showers in the workplace are recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light amber colored liquid	**Vapor Density (air = 1):** heavier than air
Odor: Slight petroleum like odor	**Specific Gravity:** 0.78
Odor Threshold: Not established	**Water Solubility:** limited solubility
pH: neutral	**Octanol/Water Partition Coefficient:** Not available
Melting Point/Freezing Point: Not available	**Autoignition Temperature:** Not available
Boiling Point: 320°F	**Decomposition Temperature:** Not available
Flash Point: >105°F	**Viscosity:** Not determined
Evaporation Rate: slower than ether	**Explosion Properties:** None
Flammable Limits: **LEL**: No Data **UEL:** No Data	**Oxidizing Properties:** Not oxidizing
Vapor Pressure: Not established	**Aerosol Fire Protection Level:** Not applicable
VOC Content: No Data	**Flammability (solid, gas):** Not available

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.

Potential Health Effects:

Eye: May cause mild irritation.

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

Inhalation: This product has low volatility and so is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist levels in poorly ventilated areas may cause upper respiratory tract irritation and difficulty breathing. .

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.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

No further information is available.

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

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.

SECTION 14: TRANSPORT INFORMATION

DOT
Proper Shipping Name: Not Regulated
DOT Technical Name: Petroleum Distillates
DOT Hazard Class:
UN Number:
DOT Labels Required (49CFR172.101):

IMDG
Shipping Description: Flammable Liquid, n.o.s. (LTD QTY) up to 5 Liters
ID Number: UN1993
Hazard Class: 3
Packing Group: III
Marking Required: Flammable

ICAO/IATA
Shipping Description: Flammable Liquid, n.o.s. (LTD QTY) up to 5 Liters
ID Number: UN1993
Hazard Class: 3
Packing Group: III

Marking Required: Flammable

SECTION 15: REGULATORY INFORMATION

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

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 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

Revision Summary: New format to comply with OSHA Hazcom 2012

Notice to reader

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