



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

AST™ SOLVENT DEGREASER BULK SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 53900,53901,53905,53955

Manufacture/Supplier : Anti-Seize Technology
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Franklin Park, IL 60131

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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: May 19, 2015

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Flammable Liquids, Category 4

Aspiration hazard, Category 1

Label Elements:



Signal word:

Danger

Hazard Phrases:

Combustible liquid

May be fatal if swallowed and enters airways.

Precautionary Phrases:

Prevention:

Keep away from open flames/hot surfaces-No smoking

Wear protective gloves/eye protection/face protection.

Response:

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting

Storage:

When not in use keep container closed

Store locked up in a well ventilated place. Keep cool.

Keep away from children

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

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Distillates, petroleum, hydrotreated light	64742-47-8	100

Section 4 – First Aid Measures

Eye: Flush eyes with water, holding the eyelids apart. Remove contacts if present and easy to do, continue rinsing. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of soap and water. Remove all contaminated clothing and shoes. Wash before re-use. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: If swallowed, call a POISON CENTER or doctor/physician immediately. Do NOT induce vomiting without prior medical advice.

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: 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. Remove all sources of ignition.

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

Methods and Material for Containment and Cleaning Up: Because of its viscous nature, this product is not

expected to leak or spill. 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 prolonged skin contact. Do not transfer to unlabeled containers.

Conditions for Safe Storage, Including any Incompatibilities: Store away from extreme heat and open flames. Store away from oxidizers. Ground large containers.

Section 8 – Exposure Controls / Personal Protection

Exposure Guidelines:

Contains no substances with occupational exposure limit values. An appropriate exposure level that could apply would be 100 ppm 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: Liquid	Vapor Density (air = 1): 5.4
Odor: Clear	Specific Gravity: No data
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Does not apply	Autoignition Temperature: 453°F, 233°C
Boiling Point: 376-412°F, 192-211°C	Decomposition Temperature: Not available
Flash Point: Avg. 145°F, 63°C	Viscosity: Not available

Evaporation Rate: No data available	Explosion Properties: No Data
Flammable Limits: LEL: 0.7% UEL: 7.0%	Oxidizing Properties: Not oxidizing
Vapor Pressure: 5.4	Aerosol Fire Protection Level: Not applicable
	Flammability (solid, gas): No Data

Section 10 – Stability and Reactivity
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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.

Section 11 – Toxicological Information

Acute Dermal Toxicity: LD50 rabbit: 2000-4000 mg/kg

Acute Inhalation toxicity: LC50, rat (4 hrs): >4.3 mg/l, All rats survived at indicated concentration

Acute oral toxicity: LD50 rat: >5000 mg/kg

Skin corrosion/irritation: Primary irritation (rabbit): 1.2 (Max score is 8.0)

Eye Damage/irritation: Primary irritation (rabbit) 1 hr; 3.0 (Max. score is 110)

Germ cell mutagenicity: No Data

Reproductive Toxicity: No Data

STOT-Single exposure: No Data

STOT- Repeated Exposure: No Data

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

Chronic Hazards: Prolonged inhalation of product 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
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Ecotoxicity:

Aquatic Toxicity: Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility

Toxicity to fish: No data available

Toxicity to aquatic invertebrates: No data available

Chronic toxicity to fish: No data available

Biodegradation: Readily biodegradable

Bioaccumulation: No data available

Mobility in soil: no data 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.

Section 14- Transport Information

DOT

Proper Shipping Name: Not regulated

DOT Technical Name: None

DOT Hazard Class: None

UN Number: None

DOT Labels Required (49CFR172.101): None

IMDG

Shipping Description: Not regulated

ID Number: None

Hazard Class: None

Packing Group: None

Labels Required: None

Marking Required: None

Placards Required: None

ICAO/IATA

ID Number: None

Hazard Class: None

Packing Group: None

Labels Required: None

Marking Required: None

Placards Required: None

Section 15 – Regulatory Information

OSHA Hazards (HCS 1994): Combustible liquid

TSCA Inventory listing: Distillates, petroleum, Hydrotreated light.

SARA 302: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 311/312 Classification: "Fire Hazard" , Immediate (acute) health hazard

SARA 313 Chemical: This material does not contain any chemical component with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Prop 65: None

WHMIS Classification: Class B, Division 3: Combustible liquid

European Union: Classification according to Regulation (EU) 1272/2008

Aspiration hazard, Category 1

Repeated exposure may cause skin dryness or cracking

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.