



Tomlin Scientific Inc.



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Advantage

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Safety Data Sheet

Section 1 Product and Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 Eight Street

Buena Park, CA 90620

United States of America

Phone: 714-973-7971 Fax: 714-523-7976

Recommended Usage: Lubricating Grease

Other Identifier: Mixture

Product Name: Advantage Semi-Fluid Grease (All Grades)

Emergency Phone Numbers

714-973-7971 Normal Business Hrs.

USA & Canada Chemtrec 800-424-9300

International Chemtrec 703-527-3887

Section 2 Hazards Identification

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200).

Classification of the Substance or Mixture: SKIN SENSITIZATION- Category 1

GHS label elements



Hazard Pictograms:

Signal Word : Warning

Hazard Statements: : May cause an allergic reaction.

Precautionary Statements

Prevention : Wear eye or face protection. Wash hands thoroughly after handling.
Response : 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 : Not applicable.

Disposal : Not applicable.



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Section 3 Composition Information on Ingredients

<u>Ingredient</u>	<u>WT %</u>	<u>CAS #</u>
2-(2-heptadec-8-enl-2-imidazolin-1yl) ethanol	0.1-1	95-38-5

Section 4 First Aid Measures

Eyes: Flush eyes with running water for at least 15 minutes. If redness, burning, blurred vision or irritation persists, get medical attention.

Skin: Flush skin with water, wash with soap and water. If irritation occurs, get medical attention. Remove contaminated clothing. Do not reuse clothing until cleaned.

Ingestion: Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water.

Inhalation: Remove victim to fresh air. Get medical attention if symptoms occur.

Section 5 Fire Fighting Measures

Flammable Properties:

Base Oil Flash point: 277°C (ASTM D92) Flammable limits in air: N/A Auto ignition temperature: N/A

Extinguishing media: CO₂, dry chemical, foam

Special firefighting measure:

Procedures for an oil fire should be utilized. Use self-contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Section 6 Accidental Release Measures

- Eliminate ignition sources and ventilate area.
- Absorb spillage with inert absorbent material.
- Contain spill and keep from entering waterways or sewers.
- Advise EPA/state agency if required.
- Use proper personal protective equipment for clean-up.
- Treat contaminated absorbent same as spilled product.

Section 7 Handling and Storage

Precautions for safe handling. Observe Good Industrial Practices.



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Conditions for safe storage, including any incompatibilities. Store in original tightly closed container. Store away from incompatible materials (See section 10 of the SDS).

Section 8 Personal Protection/ Exposure Controls

Engineering Controls: Use adequate ventilation to keep vapors and mists of this material below applicable standards. Recommended workplace control parameters - based on mineral oil ACGIH TWA 5 mg/m³.

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Skin Protection: Use protective clothing that is chemically resistant to this product.

Eye Protection: Use safety glasses or goggles with side shields.

Other/General Protection: Always use good chemical hygiene.

Occupational Exposure Limits

U.S.OSH Table Z-1 Limits for Air Contaminants (29CFR 1910.1000)

	NIOSH REL		
Distillates (Petroleum)Solvent-dewaxed	5 mg/m ³	10 hours	mist
Heavy Paraffinic (CAS 64742-62-7, 64742-54-7)	OSHA PEL		
	5 mg/m ³	8 hours	mist

Section 9 Physical and Chemical Properties

Color: Amber	Vapor Pressure: N/A	Solubility in Water: Insoluble
Appearance: Solid	% Volatile by Volume: N/A	Evaporation Rate N/A
Odor: Characteristic	Vapor Density (air = 1): N/A	(Butyl Acetate = 1): <1
Boiling Point: N/A	Reactivity in Water: Non-reactive	Specific Gravity: 0.90-0.91

Section 10 Stability and Reactivity

Stability: Stable. **Conditions to avoid:** Sources of ignition. **Incompatibility:** Strong oxidizing or reducing agents.

Decomposition Products: Oxides of Carbon and Hydrogen. **Hazardous Polymerization:** Will not occur.

Section 11 Toxicological Information

Likely Routes of Exposure: Inhalation, skin, eyes, and ingestion.



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Potential Health Effects:

Eye Effects: This mixture may cause serious eye irritation.

Skin Effects: No irritation is expected.

Oral Effects: May cause discomfort. This material is a low injection hazard.

Inhalation Effects: No irritation is expected.

Toxicological Data: No data available.

Section 12 Ecological Information

Not classified due to inadequate data available on this mixture. Highly recommend avoidance of release to the environment.

Section 13 Disposal Considerations

Avoid release to the environment. Dispose in a safe manner in accordance with national, state and local regulations. Not a RCRA hazardous waste if uncontaminated.

Section 14 Transportation Information

Dot Shipping Label: Not regulated by DOT.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

Section 15 Regulatory Information

U.S. Federal Regulatory Information: TSCA 8(a) PAIR: Phosphorodithioic acid, 0,0-di-C1-14-alkyl esters, zinc salts: naphthalene

SARA 302 Extremely Hazardous substance: Not listed

SARA 304 Reportable Quantity: Not listed

SARA 311 Categories: No

SARA 311/312 (TRI reporting): Immediate (acute) Health Hazard



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Composition/Information on Ingredients

Name

Name	%	Fire Hazard	Sudden release of Pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol	0.1-1	No.	No.	No.	Yes	No.

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

EPA Hazard Classification Code: Not applicable

CERCLA: No chemicals in this product are subject to the reporting requirements of CERCLA.

SARA Title III - Section 313 Supplier Notification: No Chemicals in this product exceed the DE Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

WHMIS Classification: Not controlled.

Other Regulations: All components of this formulation are listed on the CEPA-DSL (Domestic Substance List)

California Prop 65: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Section 16 Other Information

NFPA Hazard Rating:

Health: 1 Slight

Flammability: 1 Negligible

Reactivity: 0 Negligible

SDS Dated: 11.18.2024



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