

HAZARD COMMUNICATION SAFETY DATA SHEET
TUF-LUBE™ COUPLING GREASE

SECTION 1 – IDENTIFICATION

Distributor's name: Allied Rubber & Gasket Company, Inc. - ARGCO
5816 Dryden Place #101
Carlsbad, CA 92008
For information call: (800) 854-1015
Date prepared: 1/11/2016
Product name: Tuf-Lube™ Coupling Grease
Recommended Use: Lubrication for Grooved Coupling Gaskets

SECTION 2 – HAZARDS IDENTIFICATION



SLIGHT IRRITANT
(SKIN AND EYE)

Non-toxic; basically non-hazardous.

OSHA Status: Contains no "hazardous chemicals" as defined by OSHA Hazard Communication Standard, 29CFR, 1910.1200

TSCA Status: All ingredients listed.

SECTION 3 – COMPOSITION/INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Chemical Name	CAS-No	Weight %	Trade Secret
Proprietary Lubricity Enhancers	TSRN 0210	40-50	*
Water	7782-13-5	20-35	*
Mixed Sodium & Potassium Salts of tall oil (soap)	68606-06-4 EINECS 271-723-9	15-25	*

Where range is displayed, the exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Inhalation: Move to fresh air.

Ingestion: Clean mouth with water and afterwards drink plenty of water.

Notes to Physician: Notes to Physician Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable Properties: Not Flammable
Flash Point: 320° F / > 160° C
Flash Point Media: Open Cup
Suitable Extinguishing Media: Dry Powder. Carbon dioxide (CO₂). Foam. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.
Explosion Data: None
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None
Specific Hazards: Burning produces obnoxious and toxic fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)
Halogenated compounds
Protective Equipment and Precautions for Firefighters: As in any # re, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE

Personal Precautions: Use personal protective equipment.
Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
Methods for Containment: Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up: Take up mechanically and collect in suitable container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid dust formation. Do not breathe vapors/dust. Wear personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Fine dust dispersed in air may ignite. Keep away from open flames, hot surfaces and sources of ignition.
Storage: Keep container tightly closed in a dry and well-ventilated place.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. NIOSH IDLH: Immediately Dangerous to Life or Health. 2

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:
 Eye/Face Protection Safety glasses with side-shields.
 Skin and Body Protection Long sleeved clothing. Protective gloves.
 Respiratory Protection: None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off white	Decomposition Temperature:	No information available
Odor Threshold:	No information available	Flammability Limits in Air:	No information available
pH:	Neutral	Decomposition Temperature:	No information available
Odor:	Sweet, Corn syrup-like		
Autoignition Temperature:	> 260 °C / 500 °F		
Boiling Point/Boiling Range:	<260 °C / 500 °F		
Melting Point/Range:	149 °C / 300 °F		
Physical State:	Liquid Gel		
Flash Point:	320 °F / > =160 °C		
Flashpoint Method:	Open cup		
Water Solubility:	Insoluble in cold water, hot water		
Evaporation Rate:	No information available.		
Vapor Density:	>5 (air = 1)		

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability:	Stable under recommended storage conditions. Deomposes in contact with water
Incompatible Products:	Strong oxidizing agents.
Conditions to avoid:	Dust formation. Heat, flames and sparks
Hazardous Decomposition or Byproducts:	None known.
Hazardous Polymerization:	Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	May cause irritation of respiratory tract.
Eye Contact	May cause slight irritation.
Skin Contact	No known effect based on information supplied
Ingestion	Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with federal, state, and local regulations
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - TRANSPORT INFORMATION

DOT: Not regulated

TDG: Not regulated

MEX Not regulated

SECTION 15 - REGULATORY INFORMATION

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial

Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

Chronic Health Hazard Yes

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Disclaimer

The information contained herein is accurate and reliable as of the date issued to the best of the manufacturer's knowledge. ARGCO doesn't warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising from the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

END OF SDS