

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	#2790	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ATOMIC LUBE	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Multipurpose, High-Temp, Extreme Pressure Grease	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. Classification of the substance or mixture: Not classified.	SIGNAL WORD: No signal word.	SYMBOL:	
HAZARD STATEMENTS: No known significant effects or critical hazards.			
PRECAUTIONARY STATEMENTS: Prevention: Not applicable. Response: Not applicable. Storage: Not applicable. Disposal: Not applicable.			
HAZARDS NOT OTHERWISE SPECIFIED: None known.			

3. Composition / Information on Ingredients

Chemical Name	CAS #	Concentration % by Weight
Antimony, dialkyl dithiocarbamate	15890-25-2	1 - 5
Substance/Mixture: Mixture. Other Means of Identification: Not available. Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.		

4. First Aid Measures

EMERGENCY OVERVIEW
EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SKIN: Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
INGESTION: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: Potential Acute Health Effects: Eye Contact: No known significant effects or critical hazards. Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. Skin Contact: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards.
Over-Exposure Signs/Symptoms: Eye Contact: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Skin Contact: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards.
INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Notes to Physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Specific Treatments: No specific treatment.
PROTECTION OF FIRST-AIDERS: No action shall be taken involving any personal risk or without suitable training. *See toxicological information (Section 11).

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use dry chemical, CO₂, water spray (fog) or foam.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No specific fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials:

- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides
- Sulfur oxides
- Halogenated compounds
- Metal oxide/oxides

SPECIFIC FIRE-FIGHTING METHODS:

No special measures are required.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

For nonemergency personnel: Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency personnel: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel."

ENVIRONMENTAL PRECAUTIONS:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Small Spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and Storage

SAFE HANDLING:

Protective Measures: Put on appropriate personal protective equipment (See Section 8).

Advice on General Occupational Hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

SAFE STORAGE & INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure Controls / Personal Protection

Control Parameters:

Occupational Exposure Limits:

Ingredient Name:

Tris(Dipentylidithiocarbamate-S,S')antimony

Exposure Limits:

ACGIH TLV (United States, 3/2012).

TWA: 0.5 mg/m³, (as Sb) 8 hours.

NIOSH REL (United States, 6/2009).

TWA: 0.5 mg/m³, (as Sb) 10 hours.

OSHA PEL (United States, 6/2010).

TWA: 0.5 mg/m³, (as Sb) 8 hours.

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

Skin Protection: Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. **Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. **Other Skin Protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

General Hygiene Considerations: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

ENVIRONMENTAL EXPOSURE CONTROLS:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

9. Physical & Chemical Properties

Physical State:	Semisolid.	Flammability(solid/gas):	Not available.
Color:	Red.	Flammability Limit-lower (%):	Not available.
Odor:	Mild.	Flammability Limit-upper (%):	Not available.
Odor Threshold:	Not available.	Explosive Limit-Lower (%):	Not available.
pH:	Not available.	Explosive Limit-Upper (%):	Not available.
Melting Point:	Not available.	Vapor Density:	Not available.
Boiling Point:	Not available.	Vapor Pressure:	Not available.
Viscosity:	Not available.	Relative Density:	0.95 g/ml.
Flash Point:	Open cup: 273.89°C (525°F) [Cleveland.]	Solubility (water):	Insoluble in water.
Burning Rate:	Not applicable.	Auto-Ignition Temperature:	Not available.
Evaporation Rate:	Not available.	Decomposition Temperature:	Not available.
Burning Time:	Not applicable.	Partition Coeff(n-octanol/water):	Not available.
SADT:	Not available.		

10. Stability & Reactivity Information

REACTIVITY:

No specific test data related to reactivity available for this product or its ingredients.

CHEMICAL STABILITY:

The product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID:

Do not heat above flash point.

INCOMPATIBLE MATERIALS:

Reactive or incompatible with the following materials: Welding, oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eyes: No known significant effects or critical hazards.

Skin: No known significant effects or critical hazards.

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: No known significant effects or critical hazards.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Eyes: No known significant effects or critical hazards.

Skin: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE:

SHORT TERM EXPOSURE:

Potential Immediate Effects: No known significant effects or critical hazards.

Potential Delayed Effects: No known significant effects or critical hazards.

LONG TERM EXPOSURE:

Potential Immediate Effects: No known significant effects or critical hazards.

Potential Delayed Effects: No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS:

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental Effects: No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

ACUTE TOXICITY:

There is no data available.

Product/Ingredient Name	Results	Species	Dose	Exposure
Tris(Dipentylidithiocarbamate-S,S') antimony	LD50 Dermal	Rabbit	16000 mg/kg	-
	LD50 Oral	Rat	16400 mg/kg	-

SKIN CORROSION/IRRITATION:

There is no data available.

SKIN SENSITIZATION:
There is no data available.

CARCINOGENICITY:
There is no data available.

REPRODUCTIVE TOXICITY:
There is no data available.

TERATOGENICITY:
There is no data available.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:
There is no data available.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:
There is no data available.

ASPIRATION HAZARD:
There is no data available.

12. Ecological Information

TOXICITY:
There is no data available.

PERSISTENCE AND DEGRADABILITY:
There is no data available.

BIOACCUMULATIVE POTENTIAL:
There is no data available.

MOBILITY IN SOIL:
Soil/water partition coefficient (KOC): Not available.

OTHER ADVERSE EFFECTS:
No known significant effects or critical hazards.

13. Disposal Consideration

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transportation Information

DOT: **UN Number:** Not regulated.
UN Proper Shipping Name: -
Transport Hazard Class(es): -
Packing Group: -
Environmental Hazards: No.
Additional Information: -

IATA: **UN Number:** Not regulated.
UN Proper Shipping Name: -
Transport Hazard Class(es): -
Packing Group: -
Environmental Hazards: No.
Additional Information: -

IMDG: **UN Number:** Not regulated.
UN Proper Shipping Name: -
Transport Hazard Class(es): -
Packing Group: -
Environmental Hazards: No.
Additional Information: -

SPECIAL PRECAUTIONS FOR USER:
Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:
Not available.

15. Regulatory Information

US FEDERAL REGULATIONS:
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): All components are listed or exempted.
Clean Water Act (CWA) 307: Tris(Dipentylidithiocarbamate-S,S')antimony
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Listed.
Clean Air Act Section 602 Class I Substances: Listed.
Clean Air Act Section 602 Class II Substances: Listed.
DEA List I Chemicals (Precursor Chemicals): Listed.
DEA List II Chemicals (Essential Chemicals): Listed.
SARA 302/304
Composition/Information on Ingredients: No products were found.
SARA 304 RQ: Not applicable.
SARA 311/312:
Classification: Not applicable.

Composition/Information on Ingredients: No products were found.**SARA 313:**

	Product Name	CAS Number	%
Form R - Reporting requirements	Tris(Dipentylidithiocarbamato-S,S')antimony	15890-25-2	1 - 5
Supplier notification	Tris(Dipentylidithiocarbamato-S,S')antimony	15890-25-2	1 - 5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

US STATE REGULATIONS:

Massachusetts: The following components are listed: Talc.

New York: None of the components are listed.

New Jersey: The following components are listed: Distillates (petroleum), hydrotreated heavy paraffinic; Residual oils (petroleum), solvent-refined; Talc; Tris(Dipentylidithiocarbamato- S,S')antimony.

Pennsylvania: The following components are listed: Talc; Tris(Dipentylidithiocarbamato-S,S') antimony.

California Prop. 65: No products were found.

INTERNATIONAL REGULATIONS:

Australia inventory (AICS): All components are listed or exempted.

China Inventory (IECSC): All components are listed or exempted.

Korea Inventory: All components are listed or exempted.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted. Philippines inventory (PICCS): All components are listed or exempted.

Chemical Weapons Convention List Schedule I Chemicals: Not listed.

Chemical Weapons Convention List Schedule II Chemicals: Not listed.

Chemical Weapons Convention List Schedule III Chemicals: Not listed.

Petroleum components contained in this product meet the IP 346 criteria of less than 3 percent DMSO- extractable components.

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.