

MSDS Material Safety Data Sheet

The Blaster Corporation



Air Tool Lubricant

MSDS Number: ATL

Revision Date: 03/20/12

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Air Tool Lubricant
Revision Date: 03/20/12
MSDS Number: ATL
Product Code: 16-ATL, 128-ATL, 5-ATL, & 55-ATL

Manufacturer: The Blaster Corporation
8500 Sweet Valley Drive
Valley View, Ohio 44125

(216) 901-5800
(216) 901-5801 fax
www.blasterproducts.com

24 Hour emergency contact: Chemtrec (800) 424-9300

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Percent	Exposure Limits
Heavy Paraffinic Petroleum Oil	64742-65-0	65-80%	OSHA (PEL)- 5mg/m3 oil mist ACGIH (TLV)- 5mg/m3 oil mist
Light Paraffinic Petroleum Oil	64741-89-5	20-35%	OSHA (PEL)- 5mg/m3 oil mist ACGIH (TLV)- 5mg/m3 oil mist
Phosphorodithioic Acid	68649-42-3	>1%	none established

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes, skin, inhalation, ingestion
Target Organs:
Inhalation: Inhalation of spray mist may cause irritation to the respiratory tract.
Skin Contact: Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis.
Eye Contact: Likely to cause immediate or delayed irritation. Irritation will show as redness and/or swelling of the eyes.
Ingestion: Low toxicity. Will have a laxative effect if swallowed.

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4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue to monitor. Get medical attention.
- Skin Contact:** Remove contaminated clothing immediately! Wash skin with soap and water. If irritation develops, seek medical attention.
- Eye Contact:** Flush eye(s) with water for 15 minutes. Get medical attention. If eye irritation persists, obtain medical treatment.
- Ingestion:** Do not induce vomiting. Get medical attention or advice.

5 FIRE FIGHTING MEASURES

Flashpoint: >360° F (COC)

Autoignition temperature: >600° F

Extinguishing Media: Dry chemical. Carbon dioxide, water fog or foam.

6 ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb the liquid and scrub the area with detergent and water

Large Spill: Avoid vapors, sources of ignition, sewers and waterways. Absorb with suitable absorbent.

Disposal: Dispose of liquid and absorbents in accordance with local, state, and federal laws.

7 HANDLING AND STORAGE

- Handling Precautions:** Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling. Use with good ventilation.
- Storage Requirements:** Keep containers tightly closed and in a cool well-ventilated place. Always store this material in closed labeled containers. Store away from strong oxidizers.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Protective Equipment:

Eye wash stations and emergency showers should be immediately available.

Eyes and Face: Standard safety glasses with splash shields typically offer adequate protection. Where excessive splashing or spraying is possible, a face shield should be used.

Skin and clothing: Excessive contact should be avoided. Neoprene gloves, boots and aprons will provide adequate protection when contact cannot be avoided. Remove and wash any contaminated clothing immediately. Wash thoroughly after handling.

Respiratory: Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below OSHA established exposure limits of ingredients in Section 2.

Exposure Guidelines/Other:

The Blaster Corporation takes no responsibility for determining what measures are required for personal protection in any specific application. This information should be used with discretion.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oily	Boiling Point:	700 - 860 F
Physical State:	Liquid	Freezing/Melting Pt.:	Not Determined
Odor:	Typical petroleum	Solubility:	nil
pH:	Not Determined	Spec Grav./Density:	0.86 (water = 1)
Vapor Pressure:	Not applicable		
Vapor Density:	>1 (air = 1)		
Heat Value:	Not Determined		
VOC:	Not Determined		
Evap. Rate:	<1 (butyl acetate = 1)		
Bulk Density:	Not Determined		
Octanol:	Not applicable		
Molecular Weight:	Not Determined		
Particle Size:	Not applicable		
Softening Point:	Not applicable		
Viscosity:	100 SUS		
Percent Volatile:	nil		
Sat. Vap. Concentrat.:	Not Determined		
Molecular Formula:	Not Determined		

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STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to avoid:	Avoid excessive heat, sources of ignition and excessive water.
Materials to avoid (incompatibility):	Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water.
Hazardous Decomposition products:	Carbon monoxide, carbon dioxide, and various hydrocarbons.

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Hazardous Polymerization:

Will not occur.

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TOXICOLOGICAL INFORMATION

Acute Toxicity: Tests on similar materials show a low order of acute oral and dermal toxicity.

Acute Oral Effects: Tests on similar materials indicate low order of acute oral toxicity.

Acute Inhalation Effects: Low acute toxicity expected on inhalation.

Eye Irritation: Minimal irritation on contact. Eye irritation slight or practically non-irritating based on similar products.

Skin Effects: Practically non-toxic if absorbed. Other similar highly refined products have not shown skin tumors in mouse skin painting studies.

Skin Irritation: May cause mild irritation with prolonged and repeated exposure.

Skin Sensitization: Skin sensitization is indicated as non-sensitizing based on data from similar products.

Carcinogenicity:

Skin: Not considered a potential carcinogen based on IP346 DMSO of less than 3.0 wt%.

Genotoxicity: This product is considered non-mutagenic and has negative potential for tumor development based on results from Modified Ames Assay, with Mutagenic Index of less than 1.0.

This product is severely hydrotreated at greater than 800 psi, and does not require a cancer warning under OSHA Hazard Communication Standard (29 CFR 1910.1200). Similar products have not been listed in NTP reports, and are classified by IARC as having inadequate evidence of carcinogenicity. IARC indicates that based on preponderance of data highly refined mineral oils are not mutagenic either *in vitro* or *in vivo*. Severely hydrotreated naphthenic petroleum oils have not been found to be carcinogenic or potential carcinogens.

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ECOLOGICAL INFORMATION

Component Analysis:

Paraffinic Petroleum Oil:

Aquatic Release: Advise authorities if product has entered or may enter watercourses or sewer drains.

Ecotoxicity: Available data indicate this product is not acutely toxic. 96 hr. acute static toxicity for Pimephales promelas (Fathead Minnow) LC50 mortality is greater than 30,000 mg/L. Other similar products have shown 48 hr EL50 for *Daphniamagna* greater than 1000 mg/L, and 96 hr IrL50 for *Scenedesmus subspicatus* (Alga) greater than 1000 mg/L.

Biodegradability: This product reaches less than 10% biodegradation in standard 28-day test and is not readily biodegradable in the environment

Phosphorodithioic Acid

Aquatic Toxicity

96 hr LC50 Pimephales Promelas 1-5 mg/L (static)

48 hr EC50 Daphnia Magna 1-1.5 mg/L

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DISPOSAL CONSIDERATIONS

Used or unused product should be disposed of in accordance with local, state, and federal regulations. Empty containers may contain residual contents. They should be handled with the same precautions as the product.

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14 TRANSPORT INFORMATION

Not regulated as a hazardous material.

15 REGULATORY INFORMATION

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Superfund Amendments Reauthorization Act (SARA TITLE) III:

Hazard Category For Section 311/312: Acute Health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

16 OTHER INFORMATION

Manufacturer's Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Corporation nor any of its subsidiaries assumes any liability whatsoever 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.

HMIS Ratings

Health:	0
Fire:	1
Reactivity	0

END OF MSDS DOCUMENT