

MATERIAL SAFETY DATA SHEET



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DATE PREPARED: 03/01/2001

MSDS No: ATC - Aerosol

Air Tool Conditioner - part #'s: 16-ATC, 8-ATC-S

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Air Tool Conditioner - part #'s: 16-ATC, 8-ATC-S

MANUFACTURER:

The Blaster Chemical Companies
Blaster
8500 Sweet Valley Drive
Valley View, OH 44125
Customer Service: (800) 858-6605

24 HR. EMERGENCY TELEPHONE

NUMBERS:

CHEMTREC	(800) 424-9300
Emergency Contact:	CHEMTREC
Emergency Phone	(800) 424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

	wt. %	CAS Registry #
Isopropyl alcohol	<16	67-63-0
Polypropylene Glycol Butyl Ether	<1	9003-13-8
Zinc Alkyldithiophosphate Mixture	<3	68649-42-3
Carbon Dioxide	0 - 2	124-38-9

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS		Supplier
	OSHA PEL	ACGIH TLV	
Isopropyl alcohol	500 ppm	400 ppm	
Polypropylene Glycol Butyl Ether	500 ppm	400 ppm	
Zinc Alkyldithiophosphate Mixture		Not Determined	
Carbon Dioxide	5000 ppm	5000 ppm	

COMMENTS:

The criteria for listing components in this section are as follows:
Carcinogens are listed if present at 0.1% or greater
OSHA hazardous ingredients are listed if present at 1.0% or greater
Non-Hazardous ingredients may be listed if present at 5.0% or greater

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES:

Likely to cause immediate or delayed irritation. Irritation will show as redness and /or swelling of the eyes.



SKIN:

Repeated or prolonged contact with skin may produce irritation or dryness. May cause dermatitis or aggravate an existing condition.

INGESTION:

Ingestion may cause irritation to the mouth, esophagus, and stomach.

INHALATION:

Inhalation of spray mist may cause irritation to the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED:

May aggravate existing skin and respiratory disorders.

PHYSICAL HAZARDS:

Aerosol containers are pressurized (even when empty!) Do not expose to temperatures above 120 degrees Fahrenheit. Do not puncture or burn can. Failure to observe these precautions may result in a rapid and violent decompression of the container producing projectiles and atomization of the liquid contents.

COMMENTS:

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

4. FIRST AID MEASURES

EYES:

Flush with plenty of clear water. Seek medical attention.

SKIN:

Remove contaminated clothing immediately. Wash skin with soap and water. If irritation develops, seek medical attention

INGESTION:

Wash mouth immediately. If conscious, give exposed individual 6 to 8 ounces of liquid. Do NOT induce vomiting unless advised by physician. Seek medical attention immediately.

INHALATION:

Remove to fresh air. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: 78 F TAG CC



GENERAL HAZARD:

This material can be ignited by heat, sparks, flames, or other sources of ignition (static electricity.) Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances to a source of ignition. If containers are not cooled in a fire, they may ignite and explode.

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen. Take proper precautions when using these materials.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition in the presence of air may yield, carbon monoxide, carbon dioxide, and various hydrocarbons.

FIRE FIGHTING PROCEDURES:

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. Wear other protective gear as conditions warrant. Stop leaks, if it can be done with minimal risk. Water spray may be useful in dispersing vapors or cooling equipment and containers. Material will float on water. Avoid spreading fire with water.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Absorb the liquid and scrub the area with detergent and water.

LARGE SPILL:

Avoid vapors and ignition sources. Use appropriate protective equipment. Stop and contain the discharge if it can be done safely. Keep out of drains and water ways. Handle only with trained personnel. Notify authorities as necessary.

GENERAL PROCEDURES:

Dispose of liquid and absorbants in accordance with local, state, and federal law.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Use in accordance with good industrial workplace practices. Open containers slowly to relieve pressure

HANDLING:

Avoid unnecessary contact. Wash thoroughly after handling. Do not wear contaminated clothing or shoes.



STORAGE:

Store in a dry place away from excessive heat. Store containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

EYES AND FACE:

Standard safety glasses with splash shields are adequate protection. Where excessive splashing is possible, a face shield should be used.

SKIN:

Excessive contact should be avoided. Neoprene gloves and aprons will provide adequate protection when contact cannot be avoided.

RESPIRATORY:

NOISH approved respirator as necessary

PROTECTIVE CLOTHING:

Chemical resistant aprons and boots are suggested when contact with material cannot be avoided. Remove and wash any contaminated clothing immediately.

OTHER USE PRECAUTIONS:

Eye wash stations and emergency showers should be available.

COMMENTS:

The BLASTER CHEMICAL COMPANIES takes no responsibility for determining what measures are required for personal protection in any specific application. The information provided should be used with discretion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor: Moderate Aliphatic

Appearance: Translucent, viscous, and oily.

Percent Volatile: 15.48

Solubility in Water: Slight

Specific Gravity: 0.8584 (water=1)

(VOC): 1.106 Pounds per gallon

Weight per Volume: 7.1537 Pounds per gallon

10. STABILITY AND REACTIVITY

STABLE: YES



HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID:

Avoid excessive heat, sources of ignition, and excessive water.

STABILITY:

Stable.

POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

Carbon monoxide, carbon dioxide, and various hydrocarbons.

INCOMPATIBLE MATERIALS:

Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.)
Avoid mixture with water.

11. TOXICOLOGICAL INFORMATION

COMMENTS:

Toxicological information on this product as a mixture has yet to be determined. See section 15 for reportable ingredients.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA:

No data available. Contact Env. Dept.

ECOTOXICOLOGICAL INFORMATION:

No data available. Contact Env. Dept.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Used or unused product should be disposed of in accordance with local, state, and federal regulations.

PRODUCT DISPOSAL:

Preferred disposal method is to recycle. Product and absorbants can also be incinerated.



EMPTY CONTAINER:

Empty containers will contain residual product and should be handled in the same manner as the product. Containers should be returned to a reputable container reconditioner.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Proper Shipping Name: Consumer Commodity

Hazard Class: ORM-D

NA/UN Number: 1950

Packing Group: III

NAERG: 126

Other Shipping Information: This product, as it leaves Blaster's facilities, meets the definitions set forth in CFR 49 part 173.150c as a "consumer commodity." Allowing for certain exceptions (173.156) for domestic surface shipments.

U.S. CUSTOMS HARMONIZATION NUMBER:

3403.19

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 Reportable Ingredients: This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372:

68649-42-3 Zinc Alkydithiophosphate Mixture 3.0% by weight

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: This product has no CERCLA Reportable Quantity. However, release into a waterway may require reporting to the National Response Center.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA Regulatory: This product complies with all TSCA Inventory requirements.

16. OTHER INFORMATION

Approval date: 03/05/2001



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REVISION SUMMARY

Revision #: 5

This MSDS replaces the March 05, 2001 MSDS. Any changes in information are as follows:
In Section 1
MSDS Number

HMIS CODES

Fire: 3 Health: 2 Reactivity: 0 Protection: X

MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Chemical Companies 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 hazards which exists.
