



Contact Cleaner

MSDS Number: CC - aerosol

Revision Date: 03/24/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Contact Cleaner
Revision Date: 03/24/09
MSDS Number: CC - aerosol
Product Code: 16-CC

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
n-Propyl bromide	106-94-5	>90%	See section 15
Carbon Dioxide	124-38-9	<3%	OSHA (TWA)- 5000 ppm ACGIH (TWA)- 5000 ppm

3 HAZARDS IDENTIFICATION

Route of Entry: eyes, skin, inhalation, ingestion
Target Organs:
Inhalation: May irritate the nose, throat, and lungs. Exposure to high doses may cause central nervous system depression. Such doses may also cause adverse effect in liver, kidney and lung.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Low toxicity, not expected to be a hazard in normal use.

May aggravate a pre-existing skin and respiratory disorders.

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

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.



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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 & water. If irritation persists, seek medical attention.
- Eye Contact:** Flush eye(s) with water for 15 minutes. If irritation persists, seek medical treatment.
- Ingestion:** Do not induce vomiting. Seek medical attention.

5 FIRE FIGHTING MEASURES

Flashpoint: None

Autoignition temperature: ~490°C

Flammable/Explosion limits: 3.8-9.50% by volume in air

Extinguishing Media: Dry chemical. Carbon dioxide, alcohol foam or polymer foam (class ABC, BC fire extinguisher.) Water may not be effective.

Unusual Fire & Explosion Hazard: Level 3 Aerosols - Contents Under Pressure

6 ACCIDENTAL RELEASE MEASURES

Leaking aerosol cans should be put into suitable container until the internal pressure has dissipated. Use suitable absorbents to collect liquid product. Consult regulations for the disposal of the container, liquid and absorbents.

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:** Store in a dry place away from excessive heat. Store containers with lids on and properly labeled.
- Do not store at temperatures above 120 degrees F.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash stations and emergency showers should be immediately available.

Protective Equipment: 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. Nitrile 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. Use NIOSH/MSHA approved respirators if ventilation is not adequate.

Exposure Guidelines/Other: The Blaster Chemical Companies takes not responsibility for determining what measures are required for personal protection in any specific application. This information should be used with discretion.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	clear colorless	Boiling Point:	158 F
Physical State:	liquid	Freezing/Melting Pt.:	Not Determined
Odor:	strong alcohol-like	Solubility:	Negligible
pH:	Not Determined	Spec Grav./Density:	1.31 - 1.32
Vapor Pressure:	~110.8 mm Hg @ 20 C		
Vapor Density:	>1 (air=1)		
Heat Value:	Not Determined		
VOC:	Not Determined		
Evap. Rate:	6.0 (nBuOAc=1.0)		
Bulk Density:	Not Determined		
Octanol:	Not Determined		
Molecular Weight:	Not Determined		
Particle Size:	Not Applicable		
Softening Point:	Not Applicable		
Viscosity:	Not Determined		
Percent Volatile:	100		
Sat. Vap. Concentrat.:	Not Determined		
Molecular Formula:	Not Determined		



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10 STABILITY AND REACTIVITY

Stability:	This product is stable under normal conditions.
Conditions to avoid:	Storage temperature above 120F
Materials to avoid (incompatibility):	Avoid strong mineral acids and strong oxidizing agents. Prolonged contact with aluminum, magnesium and zinc metals should be avoided.
Hazardous Decomposition products:	Hydrogen bromide, carbon monoxide and carbon dioxide.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

n,Propyl bromide	LD50/Rat, oral - 4260 mg/kg LC50/Rat, inhalation - 253000 mg/m ³ /0.5 hr
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12 ECOLOGICAL INFORMATION

No information available.

13 DISPOSAL CONSIDERATIONS

Used or unused product should be disposed of in accordance with local, state and federal regulations. Some special regulations may exist for the disposal of aerosol containers.

Empty containers may contain residual pressure and contents. They should be handled with the same precautions as the product.

14 TRANSPORT INFORMATION

Dept. of Transportation (DOT):

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 (ground) shipments.

Proper shipping name: Consumer Commodity
Hazard class: ORM-D

International (IMDT-IATA):

Proper shipping name: Aerosols, Limited Quantities
Hazard class: 2 Non-Flammable Compressed Gas
UN Number: 1950



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15 REGULATORY INFORMATION

The following is a selected list of regulatory requirements. Not all such requirements are identified. Users of this product are solely responsible for compliance with all applicable federal, state and local regulations.

This product contains n-propyl bromide a substance listed in california's Safe Drinking Water and Toxic Enforcement Act of 1986 - Proposition 65

Right to Know, NJ & PA

Occupational exposure limits for n-propyl bromide:

Toxicology Excellence for Risk Assessment reports 20ppm

ICF Consulting Group reports 25ppm

Environmental Protection Agency reports 25ppm

ACGIH reports 10ppm

Supplier's TWA 25ppm

All the components of this product are listed on the TSCA inventory.

16 OTHER INFORMATION

Manufacturer's 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 hazard which exists.

HMIS Ratings:

Health: 1

Fire: 0

Reactivity: 0

END OF MSDS DOCUMENT