

MSDS Document

Product OPEN & SHUT (AEROSOL)

1. Chemical Product and Company Identification

Trade Name of this Product OPEN & SHUT (AEROSOL)

MSDS ID DA 6150

Manufacturer

Drummond American
600 Corporate Woods Parkway
Vernon Hills, IL 60061

Contact Name

Corporate Compliance Team

Phone Number

(847) 913-9313

Emergency Phone

(888) 426-4851

Revision Date 06/30/1992

Health:	2
Fire:	2
Reactivity:	1
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
METHYL CHLOROFORM	71-55-6	70-75 %	350	350.00	450.00
PETROLEUM DISTILLATE		5-10 %			
DIMETHOXYMETHANE	109-87-5	1-5 %	1000	1000.00	ND
CARBON DIOXIDE	124-38-9	1-5 %	5000 ppm	10000 ppm	30000 ppm
BARIUM COMPOUNDS	-----	2-3 %			
2-METHYL-2-PROPANOL	75-65-0	1-2 %	100	100.00	150.00

3. Hazard Identification

TARGET ORGANS AFFECTED

Vapors: Irritating to eyes and respiratory tract. Direct Contact: Irritating to skin and eyes.

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

Generally Aggravated by Exposure: Heart Disease.

EFFECTS OF OVEREXPOSURE

INHALING: Anesthetic. Irritates resptry. tract. May cause serious nerv. system depresn. EYE & SKIN: Primary irritation to skin, dermatitis. Primary irritation to eyes, eyes, redness, tearing, blurred vision. Harmful or fatal if swallowed. Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea.

Route Of Entry

Ingestion Inhalation Eyes Skin

4. First Aid Information

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water for 15 minutes and seek a physician. SKIN: Wash with soap and water. INGESTION: Do not

induce vomiting--seek a physician. EXCESSIVE INHALATION: Move to fresh air.

5. Fire Fighting Measures

LEL 7
UEL 13

SPECIAL FIREFIGHTING PROCEDURES

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS

At elevated temperatures (over 130 degrees Fahrenheit) containers may vent, rupture or burst.

Extinguishing Media

Dry Chemical Carbon Dioxide Foam

Aerosol Product

Treat as cylinder of compressed gas.

FLAMMABILITY CLASSIFICATION

OSHA CLASS N/A

DOT Class N/A

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Provide ventilation. Remove sources of flame, spark or heat. Wipe up spills, then wash with a cleaner to remove final traces.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Contents under pressure. Store in a dry, cool area. Keep out of reach of children. Do not store where temperatures may exceed 130 degrees Fahrenheit.

8. Exposure Controls and Personal Protection

RESPIRATORY PROTECTION

None required under normal use.

VENTILATION

LOCAL EXHAUST: Hood or fan MECHANICAL: Maintain adequate ventilation

Other Protective Equipment

None

Respiratory Protection

None Required.

EYE PROTECTION

SAFETY GLASSES ARE RECOMMENDED.

9. Physical and Chemical Properties

Density lbs/Gal.	9.76
Boiling/Cond. Point	165
Evaporation Rate	SLOWER THAN ETHER
Percent Volatile	0.0
Vapor Density	HEAVIER THAN AIR

OPTIONAL INFORMATION:

"Appearance/Odor: clear, thin brown liquid having a chlorinated odor."
Specific Gravity: 1.17 Soluble in water: negligible.
Evaporation Rate (Butyl Acetate=1): >1 Vapor Pressure (mm.Hg.): 89

10. Stability and Reactivity

CONDITIONS TO AVOID

Avoid heating to abnormal temperatures.

Incompatibility

None.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen chloride, oxides of carbon and minute traces of phosgene and chlorine, formed upon combustion.

Stability

Stable

Hazardous Polymerization

Will not occur

11. Toxicological Information

CARCINOGENICITY

None of the components in this chemical are listed by IARC, NTP or OSHA as a carcinogen.

12. Ecological Information

Ecological Information

No information available.

13. Disposal Considerations

WASTE DISPOSAL METHOD

Dispose of product in accordance with local, county, state, and federal regulations. Do not puncture or incinerate container. Do not reuse container. Wrap container and place in trash collection.

14. Transportation Information

Handling And Storage

Read Entire Label Before Using.

D.O.T. Emergency Response Information

Not Applicable.

U.N. CLASSIFICATION

PER DOT ORM

PER IMCO N/A

15. Regulatory Information

CPR Certification

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

16. Other Information

Other Precautions

No information available.

