

MSDS Document

Product BONAFIDE

1. Chemical Product and Company Identification

Trade Name of this Product BONAFIDE

MSDS ID DL 1250

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 05/22/1992

Health:	1
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
METHYL CHLOROFORM	71-55-6	>95 %	350	350.00	450.00
"1,3 DIOXOLANE"	646060	2.9 %		N/D	N/D
SECONDARY BUTANOL	78-92-2	1.2 %		N/D	N/D
NITROMETHANE	75-52-5	<1 %	100	100.00	ND
"1,2 BUTYLENE OXIDE"	106-88-7	<1 %	100	100.00	N/A

3. Hazard Identification

Target Organs Effected

None.

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

May cause damage to kidneys, blood, nerves, liver & lungs.

TARGET ORGANS AFFECTED

Kidneys, blood, nerves, liver & lungs.

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

SKIN: Wash with soap and water. EYES: Flush with water. See physician, if irritated. INHALATION: Get to fresh air.

Give first aid breathing stopped. INGESTION: Call physician immediately. Do not induce vomiting.

5. Fire Fighting Measures

LEL 7.5

SPECIAL FIREFIGHTING PROCEDURES

Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Extinguishing Media

Sand Water Fog Dry Chemical Carbon Dioxide

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

Mop up with absorbent material and transfer to hood.

7. Handling and Storage

OTHER PRECAUTIONS

Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Do not take internally.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Read and follow contents on product label. Do not store in temperatures above 120 degrees fahrenheit.

Hygienic Practices

Wash hands before eating or using the washroom. Smoke in SMOKING AREAS ONLY.

8. Exposure Controls and Personal Protection

PROTECTIVE GLOVES

NEOPRENE OR NITRILE GLOVES ARE RECOMMENDED.

VENTILATION

MAINTAIN ADEQUATE VENTILATION.

OTHER PROTECTIVE EQUIPMENT

LONG SLEEVES, LONG PANTS AND/OR APRON IMPERVIOUS TO THE INGREDIENTS IN THIS PRODUCT.

RESPIRATORY PROTECTION

If over TLV, use self-contained breathing apparatus.

EYE PROTECTION

SAFETY GLASSES ARE RECOMMENDED.

9. Physical and Chemical Properties

Density lbs/Gal.	10.838
Boiling/Cond. Point	165.0
Evaporation Rate	SLOWER THAN ETHER
Percent Volatile	99.9
Vapor Density	HEAVIER THAN AIR

OPTIONAL INFORMATION:

"Appearance and Odor: clear, water-white liquid; chlorinated odor."

Specific Gravity: 1.3 Soluble in Water: Negligible.
Evaporation Rate (Butyl Acetate=1): 0.37 Vapor Pressure (mm Hg.): 125

10. Stability and Reactivity

INCOMPATIBILITY (MATERIALS TO AVOID)

Contact or storage in aluminum and its alloys.

CONDITIONS TO AVOID

Exposure to open flames and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen chloride, carbon dioxide, carbon monoxide and phosgene.

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

SMALL: Evaporate until all vapors are gone. Dispose of remainder by legally applicable method. LARGE: Recycle or dispose of observing local state & federal health, safety & pollution.

14. Transportation Information

D.O.T. Emergency Response Information

Not Applicable.

U.N. CLASSIFICATION

PER DOT N/A

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.