

MSDS Document

Product PRECISE

1. Chemical Product and Company Identification

Trade Name of this Product PRECISE

MSDS ID DA 6081

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 02/01/1998

Health:	0
Fire:	0
Reactivity:	0
Specific:	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
TRIFLUOROTRICHLOR OETHANE	76-13-1	>95 %	1000	1000.00	N/A
CARBON DIOXIDE	124-38-9	<5 %	5000	10000.0	30000

3. Hazard Identification

Route Of Entry

Inhalation Eyes Skin

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

NONE GENERALLY RECOGNIZED.

Target Organs Effected

None known.

EFFECTS OF OVEREXPOSURE

IRRITATION OF EYES, SKIN AND UPPER RESPIRATORY SYSTEM. IN A CONFINED AREA VAPORS IN HIGH CONCENTRATION MAY CAUSE HEADACHE, NAUSEA OR DIZZINESS.

4. First Aid Information

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

5. Fire Fighting Measures

Flash Point

FP Method Tag Closed Cup

LEL 1

UEL 10

Extinguishing Media

Dry Chemical Carbon Dioxide Foam

Aerosol Product

Treat as cylinder of compressed gas.

SPECIAL FIREFIGHTING PROCEDURES

FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE (DUE TO THE BUILD-UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

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

REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR EXPOSE TO

WATER, AND OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

OTHER PRECAUTIONS

KEEP AEROSOL CANS IN A COOL PLACE OUT DIRECT SUNLIGHT. KEEP THIS AND ALL CHEMICALS OUT OF THE REACH OF CHILDREN.

Hygienic Practices

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

8. Exposure Controls and Personal Protection

PROTECTIVE GLOVES

NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED. FOR LONG OR REPEATED CONTACT, WEAR CHEMICAL RESISTANT GLOVES.

VENTILATION

LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION II IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.

Respiratory Protection

None Required. IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS IN SECTION II.

EYE PROTECTION

WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

9. Physical and Chemical Properties

Density lbs/Gal.	12.9
Boiling/Cond. Point	
Evaporation Rate	FASTER THAN ETHER
Percent Volatile	100.0
Vapor Density	HEAVIER THAN AIR

OPTIONAL INFORMATION:

APPEARANCE/ODOR: CLEAR WATER-WHITE MOBILE LIQUID WITH SLIGHT SOLVENT
ODOR. SPECIFIC GRAVITY: 1.55 SOLUBLE IN WATER: N/A

10. Stability and Reactivity

Stability

Stable

Hazardous Polymerization

Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS

BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE.

Incompatibility

None Known.

11. Toxicological Information

CARCINOGENICITY

NONE OF THE COMPONENTS IN THIS CHEMICAL ARE LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

12. Ecological Information

13. Disposal Considerations

WASTE DISPOSAL METHOD

WASTE FROM THIS PRODUCT IS NOT HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT. DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING POLLUTION.

14. Transportation Information

D.O.T. Emergency Response Information

Not Applicable.

U.N. CLASSIFICATION

PER DOT ORM-D

PER IMCO N/A

15. Regulatory Information

16. Other Information