

MSDS Document

Product DOFF

1. Chemical Product and Company Identification

Trade Name of this Product DOFF

MSDS ID DL 3000

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 10/05/2001

Health:	2
Fire:	2
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
ALIPHATIC DIBASIC ESTER	N/A	40-70 %			
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	10-30 %		ND	ND
N-METHYLPYRROLIDO NE	872-50-4	3-7 %		ND	ND

3. Hazard Identification

Route Of Entry

Ingestion Inhalation Eyes Skin

TARGET ORGANS AFFECTED

Eyes, Skin and Central Nervous System.

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this

product.

EFFECTS OF OVEREXPOSURE

SKIN CONTACT: May cause mild to severe irritation. **EYE CONTACT:** May cause severe irritation, temporary or permanent vision loss, and blindness. **INHALATION:** Exposure to vapors may cause irritation to nose, throat, lungs, and mucous membranes. Severity depends on degree of exposure. **INGESTION:** May cause nausea, vomiting, drowsiness, and tissue damage to mouth, esophagus, stomach, and other points of contact.

4. First Aid Information

EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: Remove contaminated clothing. Flush with water for at least 15 minutes.
EYE CONTACT: Remove contacts. Flush with water for at least 15 minutes while blinking.
INHALATION: Move victim to fresh air. Provide artificial respiration if necessary. **INGESTION:** Do NOT induce vomiting. Provide milk or water. Contact Physician promptly. *****IN ALL CASES, GET MEDICAL ATTENTION IF IRRITATION PERSISTS*****

5. Fire Fighting Measures

Flash Point

FP Method

Tag Closed Cup

Extinguishing Media

Sand Water Fog Dry Chemical Carbon Dioxide Alcohol Foam

SPECIAL FIREFIGHTING PROCEDURES

Evacuate area of unprotected and unnecessary personnel. Do NOT use direct water stream. Use appropriate media listed above. Cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS

COMBUSTIBLE. Keep away from heat, sparks, open flame, and other ignition sources.

FLAMMABILITY CLASSIFICATION

OSHA CLASS N/A

DOT Class N/A

IMCO Classification Number N/A

IATA Classification Number N/A

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wear proper protective equipment including rubber boots. Extinguish all ignition sources. Keep spill away from combustible materials. Ventilate area. Stop leak if you can do so without risk. Dike or dam large spills. Soak up small spills with sand or other non-combustible inert absorbant material. Follow with normal clean-up procedures. Be careful as spills are slippery.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

regularly. Handle carefully to avoid damaging container. Avoid skin and eye contact, inhalation, and ingestion. Keep product away from possible ignition sources.

Other Precautions

Keep out of reach of children. Read entire label prior to use.

Hygienic Practices

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

8. Exposure Controls and Personal Protection

PROTECTIVE GLOVES

Natural rubber, Neoprene, or Nitrile gloves are recommended to prevent prolonged or repeated skin contact.

VENTILATION

MECHANICAL (General): Adequate for normal use. LOCAL EXHAUST: Necessary if exposure limits are exceeded.

Other Protective Equipment

None

RESPIRATORY PROTECTION

None required with normal use. If exposure limits are exceeded, a NIOSH approved respirator is recommended.

EYE PROTECTION

ANSI approved safety glasses or splash goggles and an eye wash station are recommended.

9. Physical and Chemical Properties

Boiling/Cond. Point	N/A
Evaporation Rate	N/A
Vapor Density	N/A

OPTIONAL INFORMATION:

Appearance / Odor: Clear non-viscous liquid with solvent odor

Solubility in Water: Complete

Specific Gravity: 1.055

10. Stability and Reactivity

Stability

Stable

Hazardous Polymerization

Will not occur

CONDITIONS TO AVOID

Avoid mixing with other cleaning products. Mix only with water. Avoid heat, sparks, open flame, and other ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS

Mixing product with incompatible materials may produce carbon dioxide, hydrogen, and other toxic and irritating fumes.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents, strong acids and bases, ammonia, amines, and chlorinated compounds.

11. Toxicological Information

Carcinogenicity

IARC - No

NTP - No

OSHA - No

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with local, state, and federal regulations.

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

16. Other Information