

MSDS Document

Product RIPTIDE

1. Chemical Product and Company Identification

Trade Name of this Product RIPTIDE

MSDS ID DL 2630

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 01/17/2001

Health:	2
Fire:	2
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
D-LIMONENE	5989-27-5	1-20 %		NE	NE
PROPYLENE GLYCOL PROPYL ETHER	1569-01-3	1-10 %		NE	NE
PROPYLENE GLYCOL MONOBUTYL ETHER	5131-66-8	1-10 %		NE	NE
WATER	7732-18-5			NE	NE
SODIUM C14-16 OLEFIN SULFONATE	68439-57-6			NE	NE

3. Hazard Identification

Route Of Entry

Ingestion Inhalation Eyes Skin

Target Organs Effected

None known.

TARGET ORGANS AFFECTED

Ingestion or repeated overexposure may cause liver and kidney damage.

EFFECTS OF OVEREXPOSURE

SKIN CONTACT: May cause irritation, drying, defatting and dermatitis. EYE CONTACT: May cause irritation and possible corneal damage. Prolonged direct contact may cause eye damage. INHALATION: Excessive amounts may cause coughing, irritation to nose, throat and mucous membranes, nausea, dizziness, and headache. Diluted solutions have reduced effects. INGESTION: May cause tissue damage to the digestive tract, nausea, vomiting, dizziness, headache, red blood cell hemolysis and possible liver and kidney damage.

4. First Aid Information

EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: Remove contaminated clothing and flush with water. EYE CONTACT: Flush with water, remove contacts if worn, and continue flushing for 15 minutes. INHALATION: Move to fresh air. Give artificial respiration if victim is not breathing. INGESTION: Do not induce vomiting. If victim is conscious and able to swallow, give milk or water. Contact physician.

5. Fire Fighting Measures

Flash Point	122 F (> 140 F - 1:4
FP Method	Tag Closed Cup

Extinguishing Media

Sand Water Fog Dry Chemical Carbon Dioxide Foam

SPECIAL FIREFIGHTING PROCEDURES

Evacuate area of unprotected personnel. Wear a NIOSH approved self contained breathing apparatus and protective clothing.

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

Wear proper protective clothing including rubber boots. Dike or dam large spills. Soak up spill with an inert material. Place in a container for proper disposal. Flush area with water and follow normal clean-up procedures.

7. Handling and Storage

Other Precautions

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool, dry area away from sources of ignition. Keep container closed when product is not in use. Store in temperatures below 100 F. Avoid skin and eye contact. Do not take internally. Avoid breathing mists and vapors.

Hygienic Practices

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

8. Exposure Controls and Personal Protection

OTHER PROTECTIVE EQUIPMENT

Wear full-cover protective clothing to prevent prolonged or repeated skin contact.

PROTECTIVE GLOVES

Rubber (latex) or Neoprene gauntlet type gloves are recommended.

VENTILATION

Use general mechanical or local exhaust to maintain exposure levels below applicable limits.

RESPIRATORY PROTECTION

None required under normal conditions.

EYE PROTECTION

ANSI approved safety glasses or splash goggles are recommended.

9. Physical and Chemical Properties

Density lbs/Gal.	8.36
Boiling/Cond. Point	NE
Evaporation Rate	NE
Percent Volatile	0.0
Vapor Density	NE

OPTIONAL INFORMATION:

Appearance / Odor: Clear, red liquid with citrus odor"

Specific Gravity: 1.004

Solubility in Water: Complete

pH: 9.5

10. Stability and Reactivity

Stability

Stable

Hazardous Polymerization

Will not occur

CONDITIONS TO AVOID

Avoid mixing with any other cleaning product. Mix only with water. Do not store at high temperatures. Store in temperatures below 100 F.

HAZARDOUS DECOMPOSITION PRODUCTS

Burning can produce carbon monoxide, carbon dioxide, and other fumes.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong alkalies, bleach or sodium hypochlorite and other oxidizing agents.

11. Toxicological Information

Carcinogenicity

IARC - No

NTP - No

OSHA - No None known.

12. Ecological Information

13. Disposal Considerations

WASTE DISPOSAL METHOD

Dispose of in accordance with federal, state, and local regulations. Rinse empty container thoroughly with water before discarding. Please recycle empty container whenever possible.

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