# **MSDS Document**

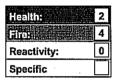
## **Product OPTHALENE**

## 1. Chemical Product and Company Identification

# Trade Name of this Product OPTHALENE MSDS ID DA 6390

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



## 2. Composition and Information on Ingredients

Ingredient 2-BUTOXYETHANOL	<b>CAS Number</b> 111-76-2	<b>Weight %</b> 1-10 %	ACGIH TLV 25	<b>PEL</b> ND	STEL ND
ISOPROPANOL	67-63-0	1-10 %	400	400.00	500.00
PROPANE/ISOBUTANE/ N-BUTANE BLEND	74-98-6	1-10 %	1000	1000.00	ND
WATER	7732-18-5	80-90 %		NE	NE
SILICONE MIXTURE	N/A	1-10 %			

#### 3. Hazard Identification

#### **EFFECTS OF OVEREXPOSURE**

Inhalation may cause dizziness, narcosis, respiratory tract irritation. Ingestion may cause nausea and vomiting. Skin contact may cause irritation and defatting. Eye contact may cause severe irritation.

#### **TARGET ORGANS AFFECTED**

2-Butoxyethanol may cause RBC hemolysis and possible liver and kidney injury. Solvents

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have been reported to affect the central nervous system.

#### MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

Pre-existing heart and respiratory conditions.

#### Route Of Entry

Ingestion Inhalation Eyes Skin

#### 4. First Aid Information

#### **EMERGENCY AND FIRST AID PROCEDURES**

EXCESSIVE INHALATION: Remove to fresh air. INGESTION: Do not induce vomiting. Seek immediate medical attention. SKIN CONTACT: Wash with soap and water. EYE CONTACT: Flush with water for 15 minutes. \*\*\* If irritation persists, seek medical attention. \*\*\*

## 5. Fire Fighting Measures

Flash Point

< 0 F

FP Method

Tag Closed Cup

#### **Extinguishing Media**

Sand Water Fog Dry Chemical

#### SPECIAL FIREFIGHTING PROCEDURES

Heated cans may burst. Use shielding to protect personnel against bursting, rupturing or venting containers.

#### **Unusual Fire And Explosion Hazards**

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

#### **Extinguishing Media**

Carbon Dioxide

#### **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 SOAK UP WITH AN ABSORBENT MATERIAL. PLACE IN A CONTAINER FOR PROPER DISPOSAL.

## 7. Handling and Storage

#### **OTHER PRECAUTIONS**

Keep out of reach of children. Read entire label prior to use. When spraying more than one

can consecutively or more than one half can continuously, use a NIOSH approved respirator.

#### **Hygienic Practices**

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

## 8. Exposure Controls and Personal Protection

#### RESPIRATORY PROTECTION

None required under normal conditions.

#### **VENTILATION**

Local Exhaust: Recommended

#### OTHER PROTECTIVE EQUIPMENT

Long sleeves and pants are recommended to prevent skin contact.

#### RESPIRATORY PROTECTION

None required under normal conditions. If the TLV is exceeded, a NIOSH approved respirator is recommended.

#### **Eye Protection**

ANSI approved splash goggles are recommended.

## 9. Physical and Chemical Properties

Boiling/Cond. Point

RANGE 1.75 - 343

Evaporation Rate

< Butyl Acetate

Percent Volatile

0.0

Vapor Density

Heavier than air

#### **OPTIONAL INFORMATION:**

rappearance / Odor: White foam / Slight ammonia odor.

Specific Gravity: 0.9

Solubility in water: Complete DVapor Pressure (PSIG @70(₣): 60

#### 10. Stability and Reactivity

## **HAZARDOUS DECOMPOSITION PRODUCTS**

Silicon dioxide, carbon dioxide, and formaldehyde.

## Incompatibility

None Known.

#### **INCOMPATIBILITY (MATERIALS TO AVOID)**

Strong oxidizers, aluminum surfaces above 120 F, acids, chlorine, acetaldehyde, ethylene oxide, and isocyanates.

#### Stability

Stable

### **Hazardous Polymerization**

Will not occur

## 11. Toxicological Information

#### Carcinogenicity

NTP - No

OSHA - No

IARC - No

## 12. Ecological Information

## 13. Disposal Considerations

#### **WASTE DISPOSAL METHOD**

Dispose of in accordance with local, state, and federal regulations. (EPA RCRA Hazardous Waste)

## 14. Transportation Information

## **Handling And Storage**

Keep away from heat, sparks, or open flame. Store at temperatures below 120 F.

## 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