



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. FF 368
Effective Date June 5, 1999

SECTION V

HEALTH HAZARD DATA

Threshold Limited Value

Methanol TWA: (skin) 262 mg/m³; STEL: 328 mg/m³. IPA TWA: 400 ppm, 983 mg/m³; Methyl Isobutyl Ketone TWA: 205 mg/m³; STEL: 307 mg/m³.

Effects of Overexposure

INGESTION: Causes dizziness, drowsiness, decreased reaction, euphoria, nausea, vomiting, staggering gait, and coma. **INHALATION:** May cause dizziness, drowsiness, nausea and vomiting, inability to concentrate and irritation of the throat. **SKIN CONTACT:** Irritation and defatting of skin on prolonged contact. **EYE CONTACT:** May cause blindness.

Emergency and First Aid Procedures

INGESTION: Do NOT give anything by mouth to an unconscious or very drowsy person. If conscious, have victim drink several glasses of water. Call physician or Poison Control Center immediately. Induce vomiting if advised by physician or Poison Control Center. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Obtain medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SECTION VI

REACTIVITY DATA

Stability

Unstable
Stable

Conditions to Avoid

Heat, fire, ignition source.

Incompatibility (Materials to Avoid)

Concentrated nitric or sulfuric acid; contact with Acetyl chloride and strong oxidizing agents may react violently.

Hazardous

Decomposition Products

Thermal decomposition or burning can produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization

Conditions to Avoid

May Occur

Will Not Occur

X

Not applicable.

SECTION VII

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Remove all sources of ignition, provide adequate ventilation. For small spills, dilute with water and flush to sewer with copious amounts of water or absorb on vermiculite, paper, earth or other absorbent material. Place in an appropriate container for disposal. Wash spill area with soap and water.

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in an approved incinerator or contract with a licensed waste disposal service.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)

For normal laboratory use at room temperatures none should be needed with adequate room ventilation. If required work in fume hood. Do not use in confined area.

Ventilation

Local Exhaust

Recommended.

Special

No.

Mechanical (General)

Recommended.

Other

No.

Protective Gloves

Rubber.

Eye Protection

Chemical safety glasses.

Other Protective Equipment

Smock, apron, eye wash station, goggles, fire extinguisher, proper gloves.

SECTION IX

SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Keep container tightly closed when not in use.

Store in a cool, dry, well-ventilated area. Keep away from heat, sparks and flames. Use with adequate ventilation. Do not take internally.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals.

Wash thoroughly after handling.

Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision

No. 1

Date

6/5/99

Approved

Michael Raszeja

Chemical Safety Coordinator

MR


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SECTION I

NAME

24 HOUR EMERGENCY ASSISTANCE

Product	FRAGRANCE - GRAPE
Chemical Synonyms	N/A
Formula	Mixture.
Unit Size	up to 30 ml.
C.A.S. No.	Mixture.



CHEMTREC
800-424-9300
 Day 716-226-6177

Health	1
Fire	3
Reactivity	0

NFPA HAZARD RATING

LEAST	SLIGHT	MODERATE
0	1	2

HMIS *

HIGH	EXTREME
3	4

SECTION II

INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Ethyl Alcohol, denatured: (CAS No. 64-17-5)	49.0%	TWA: 1000 ppm; 1880 mg/m ³
Water: (CAS No. 7732-18-5)	49.0%	None established
FD & C Blue #1: (CAS No. 3844-45-9)	<0.1%	None established
FD & C Red #40: (CAS No. 25956-17-6)	<0.1%	None established
Grape Fragrance: (CAS No. None assigned)	2.0%	None established

WARNING! FLAMMABLE! HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION.

SECTION III

PHYSICAL DATA

Melting Point (°F)	-113°C (-173°F) *	Specific Gravity (H ₂ O = 1)	0.8676 @ 20/20°C
Boiling Point (°F)	75-80°C (163-174°F) *	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	Ca 44.6 @ 68°F *	Evaporation Rate (Butyl Acetate =1)	4.1
Vapor Density (Air=1)	Ca 1.59 *		
Solubility in Water	Complete.		
Appearance & Odor	Purple mobile liquid; grape odor.		

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	75°F (24°C) TCC.	Flammable Limits in Air % by Volume	Lower 3.3 (Et. Alc.)	Upper 19.0 (Et. Alc.)
Extinguisher Media	Water spray, carbon dioxide (CO ₂); dry chemical (ABC); alcohol-type, or universal-type foams.	Pure Ethyl Alc.		

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing. Use flooding amounts of water in early stages of fire.

Ethyl alcohol denaturants:
Methyl alcohol: CAS No. 67-56-1
Methyl isobutyl ketone: CAS No. 108-10-1
Isopropyl alcohol: CAS No. 67-63-0

* For Pure Ethyl Alcohol

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors formed from this product may travel or be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge, or other ignition sources at location distant from handling point. **CAUTION:** Flame may not be visible in daylight. Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. This package conforms to conditions and limitations specified in 49 CFR 173.4.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20