



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. CC 246
Effective Date October 30, 1998

SECTION V HEALTH HAZARD DATA CC 246

Threshold Limited Value None established (ACGIH 1992-93). RTECS No. MM0225000 Toxicity data:
Orl-rat LD50: 6400 mg/kg, ipr-rat LD50: 1600 mg/kg.

Effects of Overexposure
Causes eye and skin irritation. Causes irritation to mucous membranes and upper respiratory tract. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures
SKIN: Flush thoroughly with water, then wash with mild soap and water.
EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.
INGESTION: If swallowed, if conscious, give water to drink and call physician. Never give anything by mouth to an unconscious person.
INHALATION: Remove to fresh air. If illness or discomfort develops, get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature, heat, sparks or flame.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers; strong mineral acids.

Hazardous Decomposition Products Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid	Not applicable.
		X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled
Wear protective safety equipment and use adequate ventilation. Avoid raising dust. Sweep up and place in a suitable container for proper disposal.

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 equipped with an afterburner and scrubber or contract with a licensed waste disposal system.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None should be needed in normal laboratory use. If needed, wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, smock, apron, eye wash station and a fire extinguisher.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Store in a cool, dry place away from fire hazards. Wash thoroughly after handling.
Keep container tightly closed when not in use.

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

Do not breathe dust. Use with adequate ventilation. Avoid contact with skin and eyes. Remove and wash contaminated clothing.

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

Revision No. 3	Date 10/30/98	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	CETYL ALCOHOL	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * HEALTH FIRE REACTIVITY 1 0 0
Chemical Synonyms	1-Hexadecanol, Hexadecyl Alcohol	
Formula	CH ₃ (CH ₂) ₁₄ CH ₂ OH	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	36653-82-4	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Cetyl Alcohol	>95%	None established.

CAUTION! IRRITANT TO SKIN, EYES AND RESPIRATORY TRACT.

SECTION III PHYSICAL DATA

Melting Point (°F)	45°-50°C (113°-122°F)	Specific Gravity (H ₂ O = 1)	0.815 @ 60/25°C
Boiling Point (°F)	344°C (651°F)	Percent Volatile by Volume (%)	Non-volatile at 20°C.
Vapor Pressure (mm Hg)	< 0.1	Evaporation Rate	Non-volatile.
Vapor Density (Air=1)	8.34		
Solubility in Water	Insoluble.		
Appearance & Odor	White, waxy crystals, flakes, or powdery granules.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	>110°F (>230°C)	Flammable Limits in Air % by Volume	Lower 1%	Upper 8%
Extinguisher Media	Carbon Dioxide (CO ₂); dry chemical (ABC).			

SPECIAL FIREFIGHTING PROCEDURES
Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter, especially if sprayed into containers of hot, burning liquid. In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Dust generated from flaked or powder material will be combustible at sufficient concentration. Can react with oxidizing materials.
Auto-ignition temperature: 250°C (483°F).

D.O.T. **NON-REGULATED.**

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