



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

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
	Stable	X Excessive temperature, heat, sparks or flame.

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		Conditions to Avoid
May Occur	Will Not Occur	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.
---	--

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
----------	-------	------	----------	----------	-----------------	-----------------------------	----

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
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

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

NFPA HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

HMIS *
Health 1
Fire 0
Reactivity 0

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		Lower	Upper
		% by Volume	Unknown	1%	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