



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. VV 19  
Effective Date June 1, 1999

## SECTION V HEALTH HAZARD DATA

VV 19

### Threshold Limited Value

RTECS No. YW5775000 Toxicity data: Orl-rat LD50 1580 mg/kg;  
ipr-rat LD50 1160 mg/kg; orl-rbt LDLo 3000 mg/kg.

### Effects of Overexposure

**ACUTE:** General respiratory irritation from breathing dust.  
**CHRONIC:** No long term effects.

### Emergency and First Aid Procedures

**EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Flush with soap and water. **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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat. Moisture/light sensitive.
	Stable	X		

Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizing agents and concentrated acids.
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Hazardous Decomposition Products	Burning liberates carbon monoxide, carbon dioxide and smoke. No explosive decomposition.
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Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Sweep up and place in a suitable container for proper disposal. Flush spill area with soap and water.
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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 agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		If dusty conditions prevail, wear a NIOSH/MSHA approved dust mask or respirator.			
Ventilation	Local Exhaust	Recommended.	Special	No.	
	Mechanical (General)	Recommended.	Other	No.	
Protective Gloves		Rubber if sensitive.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.				

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Moisture sensitive - keep dry. Protect from light. Store in a cool, dry place. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Do not breathe dust. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. 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	6/1/99	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	VANILLIN	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <p>LEAST SLIGHT MODERATE HIGH EXTREME</p> <p>0 1 2 3 4</p> <p>HMIS * 3 4</p>
Chemical Synonyms	4-Hydroxy-3-Methoxybenzaldehyde	
Formula	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	121-33-5	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Vanillin	>99.6%	None established.
CAUTION! MAY BE HARMFUL IF INHALED.		
IRRITANT. DO NOT BREATHE DUST.		

## SECTION III PHYSICAL DATA

Melting Point (°F)	81°-83°C (177°-181°F)	Specific Gravity (H <sub>2</sub> O = 1)	1.056
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	20 mm	Evaporation Rate (n-Butyl Acetate = 1)	N/A
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	<2% @ 25°C		
Appearance & Odor	Fine white crystals or powder; vanilla-like odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for surrounding fire conditions.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

None.

D.O.T. NON-REGULATED.

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