



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. IX 110  
Effective Date March 10, 1999

## SECTION V HEALTH HAZARD DATA IX 110

### Threshold Limited Value

For Sodium Hydroxide: TWA: 2 mg/m<sup>3</sup> (Air) (Ceiling value, as 100%)  
(ACGIH 1992-93).

### Effects of Overexposure

May cause irritation to skin or eyes on contact. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Flush with water. **INGESTION:** If conscious, give water to drink and call physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature to cause evaporation.
	Stable	X	

Incompatibility (Materials to Avoid)	Alkali metals, water reacting substances.
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Hazardous Decomposition Products	No known hazards.
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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	Flush to sewer with copious amounts of 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.
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Flush to sewer with copious amounts of water.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed.			
Ventilation	Local Exhaust	None needed.	Special	No.	
	Mechanical (General)	None needed.	Other	No.	
Protective Gloves		Rubber.	Eye Protection		Chemical safety glasses.
Other Protective Equipment	Eye wash station.				

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool 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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Remove and wash contaminated clothing.

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

Revision	No. 4	Date	3/10/99	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	INTESTINAL JUICE, ARTIFICIAL
Chemical Synonyms	Intestinal Fluid, Simulated
Formula	Mixture *. See Section II.
Unit Size	up to 3.785 Lt.
C.A.S. No.	Mixture *. See Section II.

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

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

Health	0
Fire	0
Reactivity	0

HMIS \*

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Potassium Phosphate, Monobasic: (CAS No. 7778-77-0)	0.719%	None established.
Sodium Hydroxide: (CAS No. 1310-73-2)	0.161%	See Section V.
Water: (CAS No. 7732-18-5)	99.12%	None established.

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

## SECTION III PHYSICAL DATA

Melting Point (°F)	Approx. 0°C (32°F).	Specific Gravity (H <sub>2</sub> O = 1)	Approx. 1.0
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	99.12%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, colorless liquid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not flammable.	Flammable Limits in Air % by Volume	NA	Lower	-----	Upper	-----
Extinguisher Media	Use any media suitable for extinguishing supporting fire.						

### SPECIAL FIREFIGHTING PROCEDURES

None required.

\* Contains separate packet of Pancreatin: (CAS No. 8049-47-6)

### UNUSUAL FIRE AND EXPLOSION HAZARDS

No known hazard. There are no unusual fire and explosion hazards associated with this solution.

D.O.T. NON-REGULATED.

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