



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. GG 20
Effective Date March 2, 1999

SECTION V HEALTH HAZARD DATA

GG 20

Threshold Limited Value

None established for this mixture (ACGIH 1992-93).

Effects of Overexposure

INHALATION: Not hazardous. **EYES:** No specific hazard known. Contact may cause transient irritation. **SKIN:** Low hazard for usual laboratory handling. May cause irritation. **INGESTION:** Not an ingestion hazard. 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.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	None known. Contamination from any source will void its use as artificial gastric juice.
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Hazardous Decomposition Products	Heating to dryness will produce a small quantity of fumes of Hydrochloric acid or chlorine gas.
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Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid	Not applicable.

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. Wash 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.
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Flush to sewer with copious amounts of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed.
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Ventilation	Local Exhaust	None needed.	Special	No.
	Mechanical (General)	None needed.	Other	No.

Protective Gloves	None needed.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Smock, apron, eye wash station.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place. Wash thoroughly after handling. Keep container tightly closed when not in use.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. Remove and wash contaminated clothing.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 4	Date 3/2/99	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	GASTRIC JUICE, ARTIFICIAL	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS *	Health	0
Chemical Synonyms	Gastric Fluid, Simulated		Fire	0
Formula	Mixture *. See Section II.		Reactivity	0
Unit Size	up to 4 Lt.			
C.A.S. No.	Mixture *. See Section II.			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Chloride: (CAS No. 7647-14-5)	0.2%	None established.
Hydrochloric Acid: (CAS No. 7647-01-0)	0.25%	See Section V.
Water: (CAS No. 7732-18-5)	99.23%	None established.

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes at approx. 0°C (32°F)	Specific Gravity (H ₂ O = 1)	1.0
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	99.23%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Water = 1)	Slightly less 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
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Extinguisher Media Use any media suitable for extinguishing supporting fire.

SPECIAL FIREFIGHTING PROCEDURES

None required.

* Contains separate packet of Pepsin: (CAS No. 9001-75-6)

UNUSUAL FIRE AND EXPLOSION HAZARDS

No known hazard.

D.O.T. NON-REGULATED.

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