



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. GG 184
Effective Date April 10, 1997

SECTION V HEALTH HAZARD DATA

GG 184

Threshold Limited Value

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

Effects of Overexposure

No known effects. Contact may cause eye irritation. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water. If irritation develops or persists, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give water to drink, induce vomiting and call physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

| Stability | Unstable | Stable | Conditions to Avoid |
|-----------|----------|--------|--------------------------------|
| | | X | Excessive temperature or heat. |

| Incompatibility (Materials to Avoid) | Strong oxidizers. |
|--------------------------------------|-------------------|
|--------------------------------------|-------------------|

| Hazardous Decomposition Products | Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide. |
|----------------------------------|--------------------------------------------------------------------------------------|
|----------------------------------|--------------------------------------------------------------------------------------|

| Hazardous Polymerization | Conditions to Avoid |
|--------------------------|---------------------|
| May Occur | Will Not Occur |
| | X |
| 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. |
|-----------------------------------------------------------|-----------------------------------------------|
|-----------------------------------------------------------|-----------------------------------------------|

| 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. |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Flush to sewer with copious amounts of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

| Respiration Protection (Specify Type) | None needed in normal laboratory handling. | | | |
|---------------------------------------|--------------------------------------------|--------------|----------------|--------------------------|
| Ventilation | Local Exhaust | None needed. | Special | No. |
| | Mechanical (General) | None needed. | Other | No. |
| Protective Gloves | None needed. | | Eye Protection | Chemical safety glasses. |
| Other Protective Equipment | Eye wash station, lab coat. | | | |

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. |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|

| Other Precautions | Read label on container before using. Do not wear contact lenses when working with chemicals. Remove and wash contaminated clothing. |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

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

| Revision | No. 1 | Date | 4/10/97 | 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 | GLUCOSE SOLUTION |
|-------------------|--------------------------|
| Chemical Synonyms | N/A. |
| Formula | Mixture. See Section II. |
| Unit Size | up to 4 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 *
3 4

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
|--------------------------------------------------|-------|-------------------|
| Glucose (Dextrose): (CAS No. 50-99-7) | 15% | None established. |
| Starch: (CAS No. 9005-84-9) | 1% | None established. |
| Benzoic Acid: (CAS No. 65-85-0) as preservative. | 0.1% | None established. |
| Water: (CAS No. 7732-18-5) | 83.9% | None established. |

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

SECTION III PHYSICAL DATA

| | | | |
|------------------------|-----------------------------------------------|-----------------------------------------|--------------|
| Melting Point (°F) | Freezes approx. 0°C (32°F) | Specific Gravity (H ₂ O = 1) | Approx. 1.0 |
| Boiling Point (°F) | Approx. 100°C (212°F) | Percent Volatile by Volume (%) | 83.9% |
| Vapor Pressure (mm Hg) | 14 (water) | Evaporation Rate (Water = 1) | Slightly <1. |
| Vapor Density (Air=1) | 0.7 (water) | | |
| Solubility in Water | Complete. | | |
| Appearance & Odor | Clear, colorless, water like liquid; no 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 extinguishing supporting fire. | | | | |

SPECIAL FIREFIGHTING PROCEDURES

None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T. NON-REGULATED.

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