



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. LL 240  
Effective Date March 22, 1999

## SECTION V HEALTH HAZARD DATA

LL 240

**Threshold Limited Value** None established (ACGIH 1992-93).

**Effects of Overexposure**  
**EYES:** No specific hazard known. Contact may cause transient irritation.  
**INGESTION:** May cause irritation. **SKIN:** Not hazardous. **INHALATION:** Not hazardous. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**  
**SKIN:** Flush with water, then wash with mild soap and water. **EYES:** Flush eyes thoroughly with water for at least 15 minutes. If irritation develops or persists, get medical attention. **INGESTION:** If conscious, give water to drink. If discomfort or illness develop get medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

|                  |                 |   |                            |                                |
|------------------|-----------------|---|----------------------------|--------------------------------|
| <b>Stability</b> | <b>Unstable</b> |   | <b>Conditions to Avoid</b> | Excessive temperature or heat. |
|                  | <b>Stable</b>   | X |                            |                                |

**Incompatibility (Materials to Avoid)** Strong oxidizing material.

**Hazardous Decomposition Products** May produce carbon monoxide and or carbon dioxide.

|                                 |                            |                       |                 |
|---------------------------------|----------------------------|-----------------------|-----------------|
| <b>Hazardous Polymerization</b> | <b>Conditions to Avoid</b> |                       | Not applicable. |
|                                 | <b>May Occur</b>           | <b>Will Not Occur</b> |                 |
|                                 |                            | 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.

**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.

|                    |                             |              |                |     |
|--------------------|-----------------------------|--------------|----------------|-----|
| <b>Ventilation</b> | <b>Local Exhaust</b>        | None needed. | <b>Special</b> | No. |
|                    | <b>Mechanical (General)</b> | None needed. | <b>Other</b>   | No. |

**Protective Gloves** Rubber. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Goggles, eye wash station, lab coat.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool place and protect from light. 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.

|                       |                     |                                 |                                       |
|-----------------------|---------------------|---------------------------------|---------------------------------------|
| <b>Revision</b> No. 5 | <b>Date</b> 3/22/99 | <b>Approved</b> Michael Raszeja | <b>Chemical Safety Coordinator</b> MR |
|-----------------------|---------------------|---------------------------------|---------------------------------------|

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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

|                          |                               |   |                   |   |
|--------------------------|-------------------------------|---|-------------------|---|
| <b>Product</b>           | LITMUS SOLUTION, pH INDICATOR | <br><b>CHEMTREC</b><br><b>800-424-9300</b><br>Day 716-226-6177<br><b>NFPA HAZARD RATING</b><br>LEAST SLIGHT MODERATE HIGH EXTREME<br>0 1 2 3 4<br><b>HMIS *</b> | <b>Health</b>     | 0 |
| <b>Chemical Synonyms</b> | Litmus Aqueous solution       |   | <b>Fire</b>       | 0 |
| <b>Formula</b>           | Mixture.                      |   | <b>Reactivity</b> | 0 |
| <b>Unit Size</b>         | up to 3.785 Lt.               |   |                   |   |
| <b>C.A.S. No.</b>        | Mixture.                      |   |                   |   |

## SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s)              | %     | TLV Units         |
|-------------------------------------|-------|-------------------|
| Litmus Powder: (CAS No. 1393-92-6)  | 0.7%  | None established. |
| Sodium Benzoate: (CAS No. 532-32-1) | 0.2%  | None established. |
| Water: (CAS No. 7732-18-5)          | 99.1% | None established. |

NOT HAZARDOUS.

## SECTION III PHYSICAL DATA

|                               |  |  |                 |
|-------------------------------|--|--|-----------------|
| <b>Melting Point (°F)</b>     | Freezes 0°C (32°F)                                     | <b>Specific Gravity (H<sub>2</sub>O = 1)</b> | Approx. 1.0     |
| <b>Boiling Point (°F)</b>     | Approx. 100°C (212°F)                                  | <b>Percent Volatile by Volume (%)</b>        | 99.1%           |
| <b>Vapor Pressure (mm Hg)</b> | 14 (water)   | <b>Evaporation Rate (Ether = 1)</b>          | Greater than 1. |
| <b>Vapor Density (Air=1)</b>  | 0.7 (water)  |  |                 |
| <b>Solubility in Water</b>    | Complete.  |  |                 |
| <b>Appearance &amp; Odor</b>  | Violet, brown or red liquid; decomposing cabbage odor. |  |                 |

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

|                                  |               |  |    |              |              |
|----------------------------------|---------------|--|----|--------------|--------------|
| <b>Flash Point (Method Used)</b> | Not flammable | <b>Flammable Limits in Air % by Volume</b> | NA | <b>Lower</b> | <b>Upper</b> |
|                                  |               |  |    | -----        | -----        |

**Extinguisher Media** Use any media suitable for extinguishing supporting fire.

## SPECIAL FIREFIGHTING PROCEDURES

Wear a NIOSH/MSHA-approved self-contained breathing apparatus.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

No known hazards.

D.O.T. Non-regulated.

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