



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. GG 260  
Effective Date March 5, 1999

## SECTION V HEALTH HAZARD DATA

GG 260

**Threshold Limited Value** None established. (ACGIH 1992-93).  
Nuisance Dust Particulates: 10 mg/m<sup>3</sup> (Dust).

**Effects of Overexposure** Local contact may cause contact dermatitis. Inhalation as dust may cause respiratory symptoms such as asthma, watery nose and eyes, cough and wheezing. Hives, eczema and angioedema may also result from inhalation or ingestion. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures** **SKIN:** Flush with water, then wash with soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** If swallowed, treat symptomatically and supportively. 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 oxidizers.

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

|                                 |                       |                            |                 |
|---------------------------------|-----------------------|----------------------------|-----------------|
| <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** Sweep up or vacuum and place in a suitable container for recycling or disposal. Wash spill area with soap and 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.

Dispose of in an approved incinerator or uncontaminated material may be disposed of in a sanitary landfill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling. If dusty conditions prevail, wear NIOSH/MSHA-approved dust mask or respirator.

|                    |                             |                     |                |     |
|--------------------|-----------------------------|---------------------|----------------|-----|
| <b>Ventilation</b> | <b>Local Exhaust</b>        | <b>Recommended.</b> | <b>Special</b> | No. |
|                    | <b>Mechanical (General)</b> | <b>Recommended.</b> | <b>Other</b>   | No. |

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

**Other Protective Equipment** Smock, apron, eye wash station, lab coat, ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry 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.

|                       |                    |                                 |                                       |
|-----------------------|--------------------|---------------------------------|---------------------------------------|
| <b>Revision</b> No. 4 | <b>Date</b> 3/5/99 | <b>Approved</b> Michael Raszeja | <b>Chemical Safety Coordinator</b> MR |
|-----------------------|--------------------|---------------------------------|---------------------------------------|

The information contained herein is furnished without warranty of any kind. Employees 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

|                          |                 |  |                   |   |
|--------------------------|-----------------|--|-------------------|---|
| <b>Product</b>           | GUM TRAGACANTH  | <br><b>CHEMTREC</b><br><b>800-424-9300</b><br>Day 716-226-6177<br><br><b>NFPA HAZARD RATING</b><br>LEAST SLIGHT MODERATE HIGH EXTREME<br>0 1 2 3 4 | <b>Health</b>     | 1 |
| <b>Chemical Synonyms</b> | Tragacanth      |  | <b>Fire</b>       | 0 |
| <b>Formula</b>           | Natural Product |  | <b>Reactivity</b> | 0 |
| <b>Unit Size</b>         | up to 2.5 kg    |  | <b>HMIS *</b>     |   |
| <b>C.A.S. No.</b>        | 9000-65-1       |  |                   |   |

## SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | %    | TLV Units         |
|------------------------|------|-------------------|
| Gum Tragacanth, Powder | 100% | None established. |

**CAUTION! DO NOT TAKE INTERNALLY.**

## SECTION III PHYSICAL DATA

|                               |                                     |  |                    |
|-------------------------------|-------------------------------------|--|--------------------|
| <b>Melting Point (°F)</b>     | Variable (Unknown).                 | <b>Specific Gravity (H<sub>2</sub>O = 1)</b> | 1.35-1.49          |
| <b>Boiling Point (°F)</b>     | Decomposes.                         | <b>Percent Volatile by Volume (%)</b>        | Non-volatile (NA). |
| <b>Vapor Pressure (mm Hg)</b> | Negligible as solid.                | <b>Evaporation Rate ( =1)</b>                | Non-volatile (NA). |
| <b>Vapor Density (Air=1)</b>  | Data not listed.                    |  |                    |
| <b>Solubility in Water</b>    | Slightly. Will form gel with water. |  |                    |
| <b>Appearance &amp; Odor</b>  | Off-white to tan powder; no odor.   |  |                    |

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

|                                  |                     |  |         |              |              |
|----------------------------------|---------------------|--|---------|--------------|--------------|
| <b>Flash Point (Method Used)</b> | Non-flammable (NA). | <b>Flammable Limits in Air % by Volume</b> | Unknown | <b>Lower</b> | <b>Upper</b> |
|                                  |                     |  |         | -----        | -----        |

**Extinguisher Media** Carbon dioxide (CO<sub>2</sub>); dry chemical (ABC); water spray.

## SPECIAL FIREFIGHTING PROCEDURES

In fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion. Can react vigorously with oxidizing materials.

D.O.T. **NON-REGULATED.**

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