



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. BB 161
Effective Date September 17, 1998

SECTION V HEALTH HAZARD DATA

BB 161

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

Effects of Overexposure
INHALATION: Non-hazardous. **EYES:** No specific hazard is known. However, any material that contacts the eye, may be irritating. **SKIN:** Non-hazardous. **INGESTION:** None expected. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures
INGESTION: If swallowed, if conscious, give one or two glasses of water to drink and call physician. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid) Strong oxidizing agents.

Hazardous Decomposition Products Combustion will produce carbon dioxide and probably carbon monoxide.

| | | | |
|---------------------------------|-----------------------|----------------------------|-----------------|
| 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 Absorb spill in vermiculite, sand, earth, paper towel and place in a suitable container. 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.

Flush to sewer with copious amounts of water or incinerate in an approved incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.

| | | | | |
|--------------------|-----------------------------|--------------|----------------|-----|
| 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 Lab coat, eye wash station.

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.
Keep container tightly closed.
Remove and wash contaminated clothing.

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

| | | | |
|-----------------------|--------------------|---------------------------------|---------------------------------------|
| Revision No. 2 | Date 9/1798 | Approved Michael Raszeja | Chemical Safety Coordinator 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

| | | | |
|--------------------------|--------------------------|--|--|
| Product | BOREAL QUIETING SOLUTION | | |
| Chemical Synonyms | N/A | | |
| Formula | Mixture | | |
| Unit Size | up to 4 Lt. | | |
| C.A.S. No. | N/A | | |

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

| | |
|------------|---|
| Health | 0 |
| Fire | 0 |
| Reactivity | 0 |

NFPA HAZARD RATING

| | | | | |
|-------|--------|----------|------|---------|
| LEAST | SLIGHT | MODERATE | HIGH | EXTREME |
| 0 | 1 | 2 | 3 | 4 |

HMIS *

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
|------------------------------------|--------|-------------------|
| Cobalt Nitrate: CAS No. 10026-22-9 | 0.02% | None established. |
| Nickel Sulfate: CAS No. 10101-97-0 | 0.02% | None established. |
| Water: CAS No. 7732-18-5 | 99.96% | None established. |

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

SECTION III PHYSICAL DATA

| | | | |
|-------------------------------|-------------------------------------|--|-------------|
| Melting Point (°F) | Approx. 0°C (32°F) (water) | Specific Gravity (H₂O = 1) | Approx. 1.0 |
| Boiling Point (°F) | Approx. 100°C (212°F) (water) | Percent Volatile by Volume (%) | 99.96% |
| Vapor Pressure (mm Hg) | 14 (water) | Evaporation Rate (Water = 1) | 1 (water) |
| Vapor Density (Air=1) | 0.7 (water) | | |
| Solubility in Water | Approx. 15; forms a gel with water. | | |
| Appearance & Odor | Greenish-Blue liquid; no odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|----------------------------------|----------------|--|----|--------------|--------------|
| Flash Point (Method Used) | Not applicable | Flammable Limits in Air % by Volume | NA | Lower | Upper |
| | | | | ----- | ----- |

Extinguisher Media Use any media suitable for extinguishing supporting fire.

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus to protect from smoke.

UNUSUAL FIRE AND EXPLOSION HAZARDS

There are no unusual fire or explosion hazards associated with material.

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

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