Product: **PROKIL™ Cryolite 96**

Formulator: Gowan Company
P.O. Box 5569
Yuma, Arizona 85366-5569
(520) 783-8844

Emergency Phone: (520) 783-3803
For 24-Hour Emergency Assistance (Spill, Leak, Fire, or Exposure), Call CHEMTREC®:
Inside the U.S.: (800) 424-9300
Outside the U.S.: (700) 527-3887
(800) 225-5635 ext. 283

1. CHEMICAL IDENTIFICATION

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>OSHA – PEL</th>
<th>ACGIH – TLV</th>
<th>OTHER</th>
<th>NTP/IARC/OSHA CARCINOGEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Aluminofluoride (96%)</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>No</td>
</tr>
</tbody>
</table>

2. COMPOSITION/INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Physical Properties
- **Appearance:** White crystalline powder
- **Odor:** Odorless

Symptoms of Over Exposure
- Mild, transient eye irritation

Medical Conditions Likely to be Aggravated by Exposure
- Not available

Relevant Routes of Exposure
- Harmful if swallowed or inhaled. Keep out of eyes.

Hazardous Decomposition Products
- Not applicable

Unusual Fire, Explosion, and Reactivity Hazards
- Not available

4. FIRST AID MEASURES

If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest Poison Control Center. Tell the person contacted the complete product name, and the type and amount of exposure. Describe any symptoms and follow the advice given.
4. FIRST AID MEASURES (continued)

Ingestion: Seek medical attention immediately.
Inhalation: Move victim from contaminated area to fresh air. Apply respiration in necessary. Seek medical advice.
Eye Contact: Flush eyes with plenty of clear water for at least 15 minutes.
Skin Contact: Wash with soap and water.

!! IN ALL CASES OF SUSPECTED POISONING, GET MEDICAL ATTENTION IMMEDIATELY !!
For emergency MEDICAL response and hazard communication ONLY, call:
Hazard Information Services at (800) 228-5635 ext. 283.

5. FIRE FIGHTING MEASURES

Flashpoint (test method): Not applicable
Flammable Limits (% in air): Not applicable
Autoignition Temperature: Not available
Flammability: Not flammable

Appropriate Extinguishing Media
Not applicable for compound; but to extinguish burning paper containers, use water spray, water fog, water stream, \( \text{CO}_2 \), dry chemical, foam, earth or sand.

Fire Fighting Guidance
Not applicable

Unusual Fire, Explosion, and Reactivity Hazards
Not available

6. ACCIDENTAL RELEASE MEASURES

In Case of Spills or Leaks
Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering, and a NIOSH-approved dual cartridge dust with high efficiency pre-filters or self-contained breathing apparatus. For small spills, sweep up, keeping dusts to a minimum, and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material. Sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash waters to contaminate water supplies.

7. HANDLING AND STORAGE

Precautions in Storing and Handling
DO NOT contaminate water, food or feed by storage or disposal. Keep container closed. Only protected handlers may be in the area during application.

Storing Instructions
Store the material in a well-ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PPE for Applicators and Handlers
Applicators and other handlers must wear:
• Long-sleeved shirts and long pants,
• Waterproof gloves, and
• Shoes plus socks.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Follow manufacturer’s instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White crystalline powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific Gravity/Density</td>
<td>0.9 kg/L</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility in H₂O</td>
<td>Sodium Aluminofluoride 0.025 mg/L @ 20°C</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Sodium Aluminofluoride Not applicable</td>
</tr>
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</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Products</td>
<td>None known</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

Harmful if swallowed, absorbed thorough skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.

Other Toxicity Information
Not available

12. ECOLOGICAL INFORMATION

Summary of Effects
Sodium Aluminofluoride
For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinseate.

Eco-Acute Toxicity
Not available

Environmental Fate
Not available
13. **DISPOSAL CONSIDERATION**

**Pesticide Disposal**
Wastes resulting from the use of this product may be disposed of on site if allowed by state and local authorities or at an approved waste disposal facility.

**Container Disposal**
Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. **TRANSPORT INFORMATION**

**DOT Classification**
Not regulated

**International Maritime Organization**
None

**International Civil Aviation Organization**
None

15. **REGULATORY INFORMATION**

**SARA Title III Classification**
- Section 302/304: Not applicable
- Section 311/312: Immediate (acute) health hazard
- Section 313 chemical(s): Not applicable

**Proposition 65**
Not applicable

**CERCLA Reportable Quantity (RQ)**
None

16. **OTHER INFORMATION**

**NMIS Hazard Ratings**

<table>
<thead>
<tr>
<th>Health:</th>
<th>1</th>
<th>0 Least</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability:</td>
<td>0</td>
<td>1 Slight</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
<td>2 Moderate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 High</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 Severe</td>
</tr>
</tbody>
</table>

**Notice:** The information and recommendations contained herein are provided in good faith and are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information herein.

**Prepared By:**
Gowan Company
(520) 783-8844

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