



MATERIAL SAFETY DATA SHEET

Product: **Gowan Cryolite Bait**

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®:

(520) 783-3803

Inside the U.S.: (800) 424-9300  
Outside the U.S.: (703) 527-3887  
(800) 225-5635 ext. 283

For MEDICAL Emergency:

**1. CHEMICAL IDENTIFICATION**

**Product:** Cryolite Bait  
**EPA Signal Word:** Caution  
**Active Ingredient:** Sodium Aluminofluoride (20.0%)  
**Chemical Name:** Sodium Aluminofluoride  
**Chemical Class:** Inorganic Pesticide  
**EPA Registration No.:** 10163-225  
**CAS No.:** 15096-52-3

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT NAME	OSHA – PEL	ACGIH – TLV	OTHER	NTP/IARC/OSHA CARCINOGEN
Sodium Aluminofluoride (20.0%)	Not established	Not established	Not established	No

**3. HAZARDS IDENTIFICATION**

**Physical Properties**

**Appearance:** Light brown flakes  
**Odor:** Slightly fruity odor

**Symptoms of Overexposure**

Mild, transient eye irritation

**Medical Conditions Likely to be Aggravated by Exposure**

Not available

**Relevant Routes of Exposure**

Harmful if swallowed or if it comes into contact with 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.

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## 4. FIRST AID MEASURES (continued)

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**Ingestion:** Seek medical attention immediately.  
**Inhalation:** Move victim from contaminated area to fresh air. Apply respiration if 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.**

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## 5. FIRE FIGHTING MEASURES

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

### Appropriate Extinguishing Media

Not considered combustible; use medium appropriate to surrounding fire- dry chemical, foam, CO<sub>2</sub>, water spray or fog, water stream, earth or sand.

### Fire Fighting Guidance

Wear self-contained breathing apparatus.

### Unusual Fire, Explosion, and Reactivity Hazards

Not Available

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## 6. ACCIDENTAL RELEASE MEASURES

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### In Case of Spills or Leaks

Sweep or scoop up and remove.

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## 7. HANDLING AND STORAGE

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### Precautions in Storing and Handling

DO NOT contaminate water, food or feed by storage or disposal. Keep container closed.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Eye/Face Protection</b>	Not required; use normal safety precautions.
<b>Skin/Protection</b>	Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.
<b>Respirator Protection</b>	Not required; use normal safety precautions.
<b>User Safety</b>	
<b>Recommendations</b>	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.
<b>Applicators/Handlers</b>	Applicators and other handlers must wear long-sleeved shirts and long pants, waterproof gloves, and shoes plus socks.
<b>Additional Protection Information</b>	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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Light brown flakes  
**Odor:** Slightly fruity odor  
**Physical State:** Solid  
**Melting Point:** Not applicable  
**Boiling Point:** Not applicable  
**Specific Gravity/  
Density:** Not applicable / 0.9 kg/L

### Solubility in H<sub>2</sub>O

Sodium Aluminofluoride 400 ppm @ 20°C (technical)

### Vapor Pressure

Sodium Aluminofluoride Not applicable

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## 10. STABILITY AND REACTIVITY

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**Stability:** Stable  
**Hazardous**  
**Polymerization:** Will not occur  
**Conditions to Avoid:** None known  
**Decomposition**  
**Products:** Not applicable  
**Hazardous Mixtures:** None known  
**Conditions to Avoid:** None known

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## 11. TOXICOLOGICAL INFORMATION

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

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## 12. ECOLOGICAL INFORMATION

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### 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 rinsate.

#### Eco-Acute Toxicity

Not available

#### Environmental Fate

Not available

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## 13. DISPOSAL CONSIDERATION

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### 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.

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## 14. TRANSPORT INFORMATION

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**DOT Classification**

Not regulated

**International Maritime Organization**

None

**International Civil Aviation Organization**

None

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## 15. REGULATORY INFORMATION

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**SARA Title III Classification**

Section 302: Not applicable  
Section 311/312: Immediate (acute) health hazard  
Section 313 chemical(s): Not applicable

**Proposition 65**

Not applicable

**CERCLA Reportable Quantity (RQ)**

None

**RCRA Classification**

Not applicable

**TSCA Status**

Exempt from TSCA

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## 16. OTHER INFORMATION

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**NMIS Hazard Ratings**

<b>Health:</b>	1	0	Least
<b>Flammability:</b>	0	1	Slight
<b>Reactivity:</b>	0	2	Moderate
		3	High
		4	Severe

**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:**

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