



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Formulator: Gowan Company
P.O. Box 5569
Yuma, Arizona 85366-5569
(928) 783-8844

Emergency Phone: (928) 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.: (703) 527-3887
(888) 478-0798

For MEDICAL Emergency:

Product: Cryolite Bait

EPA Signal Word: Caution

EPA Registration No.: 10163-225

Active Ingredient: Sodium Aluminofluoride
(20.0%)

CAS No.: 15096-52-3

Chemical Name: Sodium Aluminofluoride

Chemical Class: Aluminofluoride

2. HAZARDS IDENTIFICATION

Physical Properties

Appearance: Light brown flakes

Odor: Slightly fruity odor

Symptoms of Overexposure

Mild, transient eye irritation

Relevant Routes of Exposure

Harmful if swallowed or if it comes into contact with eyes.

Hazardous Decomposition Products

Not applicable

3. 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

Only the identities of the active ingredient(s) and any *hazardous* inert ingredients are listed. Specific information on all of this product's ingredients can be obtained by the treating medical professional or spill emergency responder for the management of exposures, spills, or safety assessments.

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.

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.

FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL TOLL FREE: (888) 478-0798

5. FIRE FIGHTING MEASURES

Flashpoint (test method): Not applicable

Flammable Limits (% in air): Not applicable

Appropriate Extinguishing Media

Not considered combustible; use medium appropriate to surrounding fire- dry chemical, foam, CO₂, water spray or fog, water stream, earth or sand.

Fire Fighting Guidance

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spills or Leaks

Sweep or scoop up and remove.

7. HANDLING AND STORAGE

Precautions in Storing and Handling

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye/Face Protection
Skin/Protection**

Not required; use normal safety precautions.

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

**Respirator Protection
User Safety**

Not required; use normal safety precautions.

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.

Applicators/Handlers

Applicators and other handlers must wear long-sleeved shirts and long pants, waterproof gloves, and shoes plus socks.

**Additional Protection
Information**

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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 H₂O

Sodium Aluminofluoride 400 ppm @ 20°C (technical)

Vapor Pressure

Sodium Aluminofluoride Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous

Polymerization: Will not occur

Decomposition

Products: Not applicable

11. TOXICOLOGICAL INFORMATION

Acute Toxicity/Irritation Studies for Cryolite

Ingestion:	Acute Oral LD ₅₀ (rat)	>5000 mg/kg
Dermal:	Acute Dermal LD ₅₀ (rabbit)	>2000 mg/kg
	Not a skin irritant.	
Inhalation:	Acute LC ₅₀ (rat)	>2 mg/L air

No reproductive or teratological damage.

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 rinsate.

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:	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

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA Status

Exempt from TSCA

16. OTHER INFORMATION

NMIS Hazard Ratings

Health: 1
Flammability: 0
Reactivity: 0

0	Least
1	Slight
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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(928) 783-8844