



# SAFETY DATA SHEET

Revision Date 9-Sept-2020

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 5051-ES Weedzout

**Product Code** 5051-ES

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Herbicide

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

Delta Foremost Chemical Corporation  
3915 Air Park St.  
Memphis, Tennessee 38118

### Emergency Telephone Number

**Company Phone Number** (901) 363-4340

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A

### Signal Word

**WARNING**

### Hazard Statements

Causes skin irritation  
Causes serious eye irritation



**Appearance** Clear Amber Liquid

**Physical State** Liquid

**Odor** little to none

### Precautionary Statements - Prevention

Wear protective gloves  
Take off contaminated clothing and wash before reuse  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Get medical attention if irritation occurs

IF ON SKIN: Wash with plenty of soap and water

If skin irritation persists: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC)**

Not applicable

**Other Hazards**

Toxic to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Lithium Salt of Bromacil	53404-19-6	Proprietary

Product contains a proprietary mixture of ingredients.

### 4. FIRST AID MEASURES

**First Aid Measures****General Advice**

If exposed or concerned: Get medical advice/attention. Provide this SDS to medical personnel for treatment.

**Eye Contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

**Skin Contact**

Flush with water while removing contaminated clothing and shoes before reuse. If irritation persists, get medical attention.

**Inhalation**

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. If symptoms persist, call a physician.

**Ingestion**

May be harmful if swallowed. Seek medical attention immediately.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms** Liquid in eyes can cause pain and irritation. May cause skin and eye irritation. Ingestion may result in irritation of mouth and gastrointestinal tract. Overexposure by inhalation can cause irritation of the respiratory tract.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians** Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Foam, carbon dioxide or dry chemical extinguisher, or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

During fire, gases hazardous to health may be formed. Heated containers may build pressure and explode.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes and inhalation of vapors.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Absorb liquid with sawdust, sand or industrial absorbent.

**Methods for Cleaning Up** Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wear eye/face protection. Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Avoid breathing mists. Use only in well-ventilated areas.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep in properly labeled containers. Store locked up.

**Incompatible Materials** None.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Lithium Salt of Bromacil 53404-19-6	TWA: 10 mg/m <sup>3</sup> (Inhalation fraction)	-	-

### Appropriate Engineering Controls

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection** Goggles or face shield.

**Skin and Body Protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective Neoprene™ gloves, Rubber gloves.

**Respiratory Protection** Use self-contained breathing apparatus with organic vapor cartridge if adequate ventilation is not available.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands after use and wash contaminated clothes before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Odorless
<b>Appearance</b>	Clear liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11-11.5	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	None	
Evaporation Rate	Not established	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not established	
Vapor Density	Not established	
Specific Gravity	1.0	(1=Water)
Water Solubility	Soluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

### Incompatible Materials

Acids and strong oxidizers.

### Hazardous Decomposition Products

CO and CO<sub>2</sub>.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Eye Contact**                                      Causes serious eye irritation. Symptoms include stinging, tearing, and redness.

**Skin Contact**                                      Causes skin irritation.

**Inhalation**                                         High vapor concentrations may be irritating to respiratory tract.

**Ingestion**                                         May be harmful if swallowed. May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea, and general weakness.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Lithium Salt of Bromacil 53404-19-6	> 1723 mg/kg ( Rat )	-	-

### Information on Physical, Chemical and Toxicological Effects

**Symptoms**                                         Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Germ Cell Mutagenicity**                        None known.

**Carcinogenicity**                                 This material is not listed as a carcinogen by IARC, NTP, or OSHA.

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A2 - Suspected Human Carcinogen*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*Group 2A - Probably Carcinogenic to Humans*

**STOT - Single Exposure** None known.

**Chronic Toxicity** None known.

**Aspiration Hazard** May be fatal if swallowed and enters airways.

**Numerical Measures of Toxicity**  
 Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
 Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Lithium Salt of Bromacil 53404-19-6		Rainbow Trout 72hr LC50: 38ppm		

**Persistence and Degradability**  
 Not determined

**Bioaccumulation**  
 Not determined

**Mobility**  
 Not determined

**Other Adverse Effects**  
 Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

Not classified as a hazardous material.

**DOT**  
 Not Regulated.

**IATA**  
 Not Regulated.

**IMDG**  
 Not Regulated.

## 15. REGULATORY INFORMATION

### International Inventories

Not Determined

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

### US Federal Regulations

#### CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Lithium Salt of Bromacil 53404-19-6			

#### SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Lithium Salt of Bromacil	53404-19-6	Proprietary	

#### CWA (Clean Water Act)

#### US State Regulations

**Title III Section 311/312:** Hazardous categories – 40 CFR 370.2:

ACUTE

**T.S.C.A. Status:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

**RCRA Status:** 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. IF the product becomes hazardous waste it would be assigned RCRA Code(s):

None

#### California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US – California Proposition 65 - CRT: Listed date/ Carcinogenic substance**

Lithium Salt of Bromacil (CAS 53404-19-62)

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	0	0	B

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 Revision Note New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**