

# SAFETY DATA SHEET

## Plush BMo

### 1. Identification

**Trade Name:** Plush BMo

**Family:** Agricultural micronutrient fertilizer

**Formula:** Proprietary blend

**Manufacturer:** Ag Plus Cooperative, 1100 E. Main Street, Marshall, MN 56258

Phone: 1-507-532-9686

For chemical emergencies call Chemtrec at 800-424-9300

For other emergencies call 911 and/or appropriate regulatory agencies

### 2. Hazard Identification

#### Classification of the substance or mixture

**HCS 2012 (29 CFR 1910.1200)**

Category 4: Harmful if swallowed.

Category 2: Suspected of damaging fertility or the unborn child.

#### Label elements

**HCS 2012 (29 CFR 1910.1200)**

Pictogram:



Signal Word: Warning

#### **Hazard Statements:**

Harmful if swallowed.

Suspected of damaging fertility or the unborn child.

#### **Precautionary Statements:**

##### Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Response

If exposed or concerned: get medical advice/attention.

If swallowed: call a poison control center or doctor if you feel unwell.

Rinse mouth.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with all applicable regulations.

### 3. Composition/Information on Ingredients

Principal Materials

\*Proprietary Blend

CAS#

\*\*\*\*\*

Percent

100

*\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret. Refer to guaranteed analysis on label*

### 4. First Aid Measures

#### Emergency First Aid Measures:

**Eye Exposure:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin Exposure:**

Wash with soap and water for at least 15 minutes. Seek medical attention if irritation develops or persists.

**Inhalation:**

Remove subject from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer artificial resuscitation. Seek medical attention.

**Ingestion:**

Rinse mouth. Get medical attention if symptoms occur.

## GENERAL INFORMATION:

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## NOTES TO PHYSICIAN:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

## 5. Fire Fighting Measures

**Suitable Extinguishing Media:**

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media:**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards Arising from the Chemical:**

During fire, gases hazardous to health may be formed.

**Special Protective Equipment and Precautions for Firefighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-Fighting Equipment/Instructions:**

Move containers from fire area if you can do so without risk.

**Specific Methods:**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General Fire Hazards:**

No unusual fire or explosion hazards noted.

## 6. Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Containment Cleanup and Disposal of Spill:**

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

**Environmental Precautions:**

Avoid discharge into drains, water ways or onto the ground.

## 7. Handling and Storage Information

### Handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Pregnant or breastfeeding women must not handle this product. Observe good industrial hygiene practices.

### Storage:

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10. Stability and Reactivity).

## 8. Exposure Controls / Personal Protection Information

### Occupational Exposure Limits:

Soluble Molybdenum

5 mg/m<sup>3</sup> OSHA TWA

5 mg/m<sup>3</sup> ACGIH TWA

5 mg/m<sup>3</sup> DFG MAK TWA (total dust)

50 mg/m<sup>3</sup> DFG MAK 30 minimum peak, average value, 1 time/shift

### Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

### Engineering Controls:

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Respiratory Protection:

Chemical respirator with organic vapor cartridge and full facepiece.

### Eye/Face Protection:

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Chemical respirator with organic vapor cartridge and full facepiece are recommended.

### Skin Protection:

Skin contact should be prevented through use of permeation resistant clothing, gloves and footwear, selected with regard for use conditions and exposure control. An emergency shower must be readily accessible to the work area. Consideration must be given both to durability as well as permeation resistance.

### Work Practice Controls:

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and Chemical Properties

### Physical Appearance &

<b>Odor:</b>	Amber to brown liquid, characteristic odor
<b>pH:</b>	6.0 – 7.5
<b>Specific Gravity/Density:</b>	1.278 g/mL
<b>Water Solubility:</b>	Solubility
<b>Flash Point:</b>	No Data Available
<b>Flammability:</b>	Will burn
<b>Melting Point Range:</b>	No Data Available
<b>Freezing Point Range:</b>	No Data Available
<b>Boiling Point Range:</b>	No Data Available
<b>Vapor Pressure:</b>	No Data Available
<b>Vapor Density:</b>	No Data Available
<b>Evaporation Rate:</b>	No Data Available
<b>Percent Non-Volatiles by Weight:</b>	No Data Available
<b>Percent Volatiles by Volume:</b>	No Data Available
<b>Viscosity:</b>	No Data Available

## 10. Stability and Reactivity Information

### Chemical Stability:

This material is stable under normal handling and storage conditions described in Section 7.

### Conditions to be Avoided:

Excessive heat, open flame, spark, ignition sources.

### Materials/Chemicals to be Avoided:

Strong oxidizing agents. □

### Hazardous Decomposition Products:

No hazardous decomposition products are known

### The Following Hazardous Decomposition Products Might Be Expected:

No hazardous decomposition products are known.

## 11. Toxicological Information

### Acute Eye:

Direct contact with eyes may cause temporary irritation.

### Acute Skin:

No adverse effects due to skin contact are expected.

### Acute Inhalation:

No adverse effects due to inhalation are expected.

### Acute Ingestion:

Expected to be a low ingestion hazard but could be harmful if swallowed.

### Chronic Effects:

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

### Reproductive Toxicity:

Suspected of damaging fertility or the unborn child.

## 12. Ecological Information

### Ecotoxicological Information:

No data found for this product.

**Chemical Fate Information:**

No data found for this product.

### 13. Disposal Information

**Cleanup and Disposal of Spill:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contaminated Packaging:**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport Information

**Data on Listed Transport Classification:**

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

**US DOT:**

Not Regulated

**TDG:**

Not Dangerous

**IMO:**

Not Regulated

**IATA:**

Not Regulated

### 15. Regulatory Information

**Inventory Status****US federal regulations:**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4):

Not listed.

SARA 304 Emergency release notification:

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA):****Hazard categories**

Immediate Hazard - No

Delayed Hazard - Yes

Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance  
 Not listed.

SARA 311/312 Hazardous  
 chemical  
 No

SARA 313 (TRI reporting)  
 Not regulated.

**Other federal regulations**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List  
 Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)  
 Not regulated.

Safe Drinking Water Act  
 (SDWA)  
 Not regulated.

**US State Regulations:**

Massachusetts- The following components are listed: Monoethylamine

New York- The following components are listed: Monoethylamine

New Jersey- The following components are listed: Boric acid; Monoethylamine

Pennsylvania- The following components are listed: Monoethylamine

California Prop. 65- No products found

## 16. Other Information

**National Fire Protection Association Hazard Ratings (NFPA)**

1 Health Hazard Rating- Slight

0 Flammability Rating- Minimal

0 Instability Rating- Minimal

**Key Legend Information:**

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

TLV- Threshold Limit Value

PEL- Permissible Exposure Limits

TWA- Time Weighted Average

STEL- Short Term Exposure Limit

NTP- National Toxicology Program

IARC- International Agency for Research on Cancer

**Created: 11/25/20**

*The information provided in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.*