

# SAFETY DATA SHEET

Outdoor Additive

Issue Date: 26-Oct-2016

Revision Date: 23-May-2019

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Form:** Substance

**Substance Name:** Outdoor Additive

**SDS#** ODA

**Formula:**

**Synonyms:** Barlium metaborate monohydrate 90 TWA

### **Intended Use of the Product**

**Use of the substance/mixture:** additive for extended wear for outdoors

### **Name, Address and Telephone of the Responsible Party**

#### **Supplier Address:**

Real Milk Paint, LLC  
126 Commerce Dr.  
Hohenwald, TN 38462  
[www.realmilkpaint.com](http://www.realmilkpaint.com)

### Emergency Telephone Number

Chemtel 24 hours (within US only) 800-255-3924

Chemtel 24 hours (outside continental US) 813-248-0585

## 2. HAZARDS IDENTIFICATION

Boron compounds have been associated with reproductive effects in animal studies.

## 3. COMPOSITION/INFORMATION OF HEALTH HAZARDS

Identity	CAS No.	EINECS No.	Substance presenting health hazards (R-phases)
Barium metaborate monohydrate 90 TWA	13701-59-2		0.5 mg/m3

## 4. FIRST AID MEASURES

### First Aid Measures

#### **General Advice**

See below.

#### **Eye Contact**

Flush immediately with copious amounts of tap water or normal saline (minimum of 15 minutes) Take exposed individual to a health care professional, preferably an ophthalmologist, for further evaluation.

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**Skin Contact**

Wash exposed area with plenty of water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists consult a health care professional.

**Inhalation**

If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek health care professional immediately.

**Ingestion**

DO NOT INDUCE VOMITING. Rinse with copious amounts of water or milk, first. Irrigate the esophagus and dilute stomach contents by slowly giving one (1) to two (2) glasses of water or milk. Avoid giving alcohol or alcohol related products. In cases where the individual is semi comatose, comatose or convulsing, DO NOT GIVE FLUIDS BY MOUTH. In case of intentional ingestion of the product seek medical assistance immediately; take individual to nearest medical facility.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water, fog, carbon dioxide, foam, dry chemical.

**Unsuitable Extinguishing Media**

None

**Special exposure hazards:**

None

**Protective equipment:**

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Safety Goggles. Gloves not necessary. Respirator not necessary

**Environmental precautions:**

None

**Methods for cleaning up:**

Important: before responding to a spill or leak of this product, review each section of this SDS. Follow the recommendations given in the handling precautions sections. Check the Fire and Explosion Data section to determine if the use of non-sparking tools is merited. Ensure that spilled or leaked product does not come into contact with materials listed as incompatible. If irritating fumes are present, consider evacuation of enclosed areas. Emergency Response Assistance: Emergency technical assistance is available at any time from B.Labs, Inc., by calling (901) 767-2722.

Initially minimize area effected by the spill or leak. Block any potential routes to water systems (e.g., sewers, streams, lakes, etc.) Based on the product's toxicological and chemical properties, and on the size and location of the spill or leak, assess the impact on contaminated environments (e.g. water

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systems, ground, air equipment, etc.) There are no methods available to completely eliminate any toxicity this product may these environments. B.Labs, Inc. can be contacted for technical assistance. Determine if federal, state and/or local release notification is required (see Regulatory Classification section of this SDS). Recover as much of the pure product as possible into appropriate containers. Later, determine if this recovered product can be used for its intended purpose. Address clean-up of contaminated environments. Spill or leak residuals may have to be collected and disposed of. Flushing residual material to an industrial sewer, if present at the site of a spill or leak incident, may be acceptable if authorized approval is obtained. If product and/or spill/leak residuals are flushed to an industrial sewer, ensure that they do not come into contact with incompatible materials. Contact the person(s) responsible for the operation of your facility's industrial sewer system prior to intentionally flushing spills or leaks of this product to the industrial sewer.

## 7. HANDLING AND STORAGE

<b>Advice on Safe Handling</b>	Handle with care
<b>Measures for safe handling:</b>	Eye wash fountains in the workplace are recommended. Nuisance dust masks required when the TLV may be exceeded. Rubber gloves, protective eyewear and body protective clothing and shoes are recommended.
<b>Measures for fire protection:</b>	None.
<b>Storage Conditions</b>	Keep from moisture, until ready to use.
<b>Measures for storage rooms and tanks:</b>	No specific measures.
<b>Incompatible Materials:</b>	None

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Specific control measures (threshold Limit values or biological standards)</b>	Not applicable for this substance under normal working procedures.
<b>Hand Protection</b>	No special measures required under normal conditions.
<b>Eye/Face Protection</b>	Use safety glasses/goggles if there is a risk of splashing.
<b>Skin and Body Protection</b>	No special measures required under normal conditions.
<b>Respiratory Protection</b>	None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	white amorphous crystalline solid
Odor:	Neutral
pH value:	n/a
pH (100 ppm in water)	9.76

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Boiling point:	n/a
Melting point:	n/a
Flash point:	n/a
Auto Flammability:	n/a
Explosive properties:	n/a
Oxidizing properties:	n/a
Vapor pressure at 200° C:	n/a
Density at (g/ml):	3.35 g/cm <sup>3</sup>
Solubility in water:	very slightly soluble in cold water. Very slightly soluble in hot water
Solubility in fat:	n/a
Partition Coefficient: n-octanol/water:	n/a
Viscosity at 20°C:	n/a

NOTE: The physical data presented above are typical values and should not be construed as specifications.

### 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Possibility of Hazardous Reactions:** Incompatibility strong acids

**Conditions to Avoid** None

**Materials to avoid:** None

**Hazardous Decomposition Products** strong acidic aqueous systems can release solubilized barium salts, which are highly toxic by ingestion.

### 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity LD50:** 850mg/kg Male rat

**Acute Oral (LD50):** 530 mg/kg Female rat

**Acute Dermal (LD50):** >2000 mg/kg Rabbit

**Acute Inhalation (LC50):** >2.54 mg/. (4 hours) Rat

**Carcinogenic Potential:** Not tested by B.Labs. Not shown as a carcinogen by OSHA, IARC, or NTP.

**Irritant/sensitization effects:** Slightly hazardous in case of eye contact (irritant).

**Non-irritant for skin:** Non-sensitizer for skin

Slightly hazardous in case of inhalation. Effects will depend on concentration and length of time of exposure.

**Effects from human exposure:** None.

### 12. ECOLOGICAL INFORMATION

**General:** The information given in this section is based upon evaluation of the

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**Motility:** Components and eco toxic data on similar products.  
Water soluble

**Persistence and degradability:** Readily biodegradable

**Bio accumulative potential:** LC50=20.3 mg/l 48 hours Daphnia magna  
LC50=>151mg/l 96 hours Bluegill sunfish  
LC50=>62 mg/l 96 hours Rainbow trout

**Other information:** Presents no ozone depletion potential and is CO<sub>2</sub> neutral.

## 13. DISPOSAL CONSIDERATIONS

**Substance** Note: Follow federal, state and local regulations governing the disposal of waste materials  
Neat Product: Contact your B.Labs representative or B.Labs, Inc., at (901) 278-0330

**Contaminated Packaging** Determine if waste containing this product can be handled by available industrial effluent system or other on-site waste

## 14. TRANSPORT INFORMATION

<b>Land Transportation (ADR/RID, GGVS/GGVE):</b>	Not Classified
<b>Sea Transport (IMDG/GGVSee):</b>	Not Classified
<b>Air Transport (ICAO-TI, IATA-DGR):</b>	Not Classified

## 15. REGULATORY INFORMATION

**Classification according to EC directives:** Not classified as a dangerous material.

**Symbols and phrases according to health hazards (R- and S- phrases):** None

**Dangerous substances to label:** None

## 16. OTHER INFORMATION

The information provided in this safety data sheet is accurate to the best of our knowledge and is valid for the product as supplied. The information is intended for use as a guide for safety measures, and no liability arising out of the use, application or processing of the material is accepted.

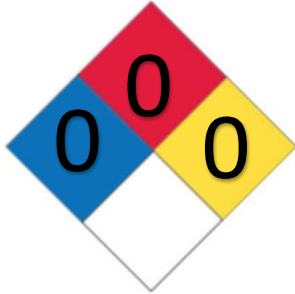
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End of Safety Data Sheet