

January 8, 2021  
Page 1

---

---

## SAFETY DATA SHEET

---

---

### Section 1: IDENTIFICATION

---

Product Name: **BB BUTTER**  
Welding Material Sales  
1340 Reed Road  
Geneva, IL 60134

[www.weldingmaterialsales.com](http://www.weldingmaterialsales.com)

Emergency: 800-424-9300

---

### Section 2: HAZARDS IDENTIFICATION

---

#### EMERGENCY OVERVIEW

**GHS Classification:**

Eye irritation, (Category 2A)

Skin irritation (Category 2)

**GHS Labeling**



**Symbol:**

**Signal Word:** Warning

**Hazard Statements:**

May cause serious eye irritation

May causes skin irritation

**Precautionary Statements:**

**Prevention:**

Wash thoroughly after handling.

Wear protective gloves/eye protection/face protection.

**Response:**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists; get medical advice/attention.

If on skin: Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

**Hazards not otherwise classified:** none

---

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

---

No.	Component CAS REG. NO.	Amount %
1	Polyoxyethylene mono(octylphenyl)ether CAS #9002-93-1	Not Available
2	Ethylenediaminetetraacetic Acid CAS #64-02-8	Not Available
3	Monoethanolamine CAS #141-43-5	Not Available
4	Dipropylene Glycol Monomethyl Ether CAS #34590-94-8	Not Available
5	Sodium Hydroxide CAS #1310-73-2	Not Available
6	Carrageenan CAS #9000-07-1	Not Available

---

**Section 4: FIRST AID MEASURES**

---

Emergency first aid procedures by route of exposure:

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

**Skin contact:** For skin contact flush with large amounts of water. If irritation persists get medical attention.

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

**Ingestion:** If ingested, rinse mouth with water. Consult a physician if needed.

---

**Section 5: FIRE FIGHTING MEASURES**

---

**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special Hazards:** Carbon oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting, if necessary.

---

**Section 6: ACCIDENTAL RELEASE MEASURES**

---

**Personal Protection:** Use personal protective equipment. Ensure adequate ventilation.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Method for Containment:** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for Clean-up:** Wear appropriate protective equipment and clothing during clean-up. Soak up with inert absorbent material and dispose of in closed containers designed for disposal.

## Section 7: HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Wash hands thoroughly after handling

**Storage:** Store in a cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

No.	Component CAS REG. NO.	OSHA		ACGIH	
		TWA	STEL	TWA	STEL
1	Polyoxyethylene mono(octylphenyl)ether CAS #9036-19-5	Not avail.	Not avail.	Not avail.	Not avail.
2	Ethylenediaminetetraacetic Acid CAS #64-02-8	Not avail.	Not avail.	Not avail.	Not avail.
3	Monoethanolamine CAS #141-43-5	3 ppm	6 ppm	3 ppm	6 ppm
4	Dipropylene Glycol Monomethyl Ether CAS #34590-94-8	100 ppm	Not avail.	100 ppm	150 ppm
5	Sodium Hydroxide CAS #1310-73-2	2 mg/m3	Not avail.	2 mg/m3	Not avail.
6	Carrageenan CAS #9000-07-1	Not Avail.	Not Avail.	Not Avail.	Not Avail.

**Engineering Control:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

### Personal Protective Equipment (PPE)

**Eye/Face Protection:** Face shield and/or safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Hand Protection:** Handle with nitrile rubber gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Other Protective Equipment:**

Facilities storing or utilizing this material should be equipped with eyewash and safety shower facilities.

See section 3 for exposure limits.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	Collid
<b>Form</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	Solid
<b>Color</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	Light yellow
<b>pH</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Melting/Freezing Point</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	43°F (6°C)
<b>Boiling Point</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	>392°F (>200°C)
<b>Flash Point</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	>484°F (251°C) – closed cup
<b>Evaporation Rate</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Flammability</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Upper Explosion Limit</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Lower Explosion Limit</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Vapor Pressure</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	>1.33 hPa (<1.00 mmHg) at 20°C (68°F)
<b>Vapor Density</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Relative Density</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	1.06 g/mL at 25°C (77°F)
<b>Water Solubility</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	soluble
<b>Partition Coefficient</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Auto Ignition Temperature</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Decomposition Temperature</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available
<b>Viscosity</b> <i>Polyoxyethylene mono(octylphenyl)ether</i>	No data available

## Section 10: STABILITY AND REACTIVITY

**Reactivity:** No data available

**Chemical Stability:** This material is considered stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** No data available

**Condition to Avoid:** No data available

**Incompatible Materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous Decomposition:** No data available

## Section 11: TOXICOLOGICAL INFORMATION

**Polyoxyethylene mono(octylphenyl)ether (9036-19-5)**  
LD50 Oral – Rat – 1,800 mg/kg

---

Inhalation: No data available  
LD50 Dermal – Rabbit – 8000 mg/kg  
**Skin corrosion/irritation** No data available  
**Serious eye damage/eye irritation** Result: Moderate eye irritation -24 h  
**Respiratory or skin sensitization** No data available  
**Germ cell mutagenicity** No data available  
**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA  
**Reproductive** No data available  
**Additional Information** No data available

**Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)**

LD50 Oral – Rat – 1,720 mg/kg  
No data available  
LD50 Dermal – Rabbit – 1,015 mg/kg  
**Skin corrosion/irritation** Causes skin irritation  
**Serious eye damage/eye irritation** Result: Moderate risk of serious eye damage  
**Respiratory or skin sensitization** Result: Does not cause skin sensitization  
**Germ cell mutagenicity** In vitro tests did not show mutagenic effects  
**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA  
**Reproductive** No data available  
**Additional Information** May be harmful if swallowed

**Monoethanolamine (141-43-5)**

LD50 Oral – Rat – 1,800 mg/kg  
Inhalation: No data available  
LD50 Dermal – Rabbit – 1,015 mg/kg  
**Skin corrosion/irritation** No data available  
**Serious eye damage/eye irritation** Result: Severe eye irritation  
**Respiratory or skin sensitization** No data available  
**Germ cell mutagenicity** No data available  
**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA  
**Reproductive** No data available  
**Additional Information** Liver – Irregularities – Based on Human Evidence

**Dipropylene Glycol Monomethyl Ether (34590-94-8)**

LD50 Oral – Rat – 5,152 mg/kg  
Inhalation: No data available  
Dermal: No data available  
**Skin corrosion/irritation** No data available  
**Serious eye damage/eye irritation** Result: Mild eye irritation – 24 h  
**Respiratory or skin sensitization** No data available  
**Germ cell mutagenicity** No data available  
**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA  
**Reproductive** No data available  
**Additional Information** No data available

**Sodium Hydroxide (1310-73-2)**

Oral: No data available  
Inhalation: No data available  
Dermal: No data available  
**Skin corrosion/irritation** Result: Causes severe burns. – 24 h  
**Serious eye damage/eye irritation** Result: Corrosive – 24 h

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

**Reproductive** No data available

**Additional Information** Material is extremely destructive to tissue of the mucous membranes and upper respiratory Tract, eyes, and skin.

---

## Section 12: ECOLOGICAL INFORMATION

---

Polyoxyethylene mono(octylphenyl)ether (9002-93-1)

LC50 – Pimephales promelas (fathead minnow) – 8.9 mg/l – 96.0 h,

EC50 - Daphnia (water flea) – 26 mg/l – 48 h

Ethylenediaminetetraacetic a (64-02-8)

LC50: > 1—mg/1 Exposure time: 96 h Species: Fish

EC50: > 500 mg/1 Exposure time: 24 h Species: Daphnia magna (Water flea)

EC50: > 100 mg/1 Exposure time: 72 h Species: alga

Monoethanolamine (141-43-5)

EC50 - Desmodesmus subspicatus (green algae) – 15 mg/l – 72 h

EC50 - Daphnia magna (Water flea) – 65 mg/l – 48 h

LC50 – Pimephales promelas (fathead minnow) – 227 mg/l – 96 h

Dipropylene Glycol Monomethyl Ether (34590-94-8)

LC50 – Pimephales promelas (fathead minnow) - > 10,000 mg/l – 96 h

EC50 – Daphnia magna (Water flea) – 1,919 mg/l – 48 h

Sodium Hydroxide (1310-73-2)

LC50 – Gambusia affinis (Mosquito fish) – 125 mg/l – 96 h

LC50 – Oncorhynchus mykiss (rainbow trout) – 45.4 mg/l – 96 h

EC50 – Daphnia (Water flea) – 40.38 mg/l – 48 h

---

## Section 13: DISPOSAL CONSIDERATIONS

---

Dispose of contents/container in accordance with local/regional/national/international regulations.

---

## Section 14: TRANSPORT INFORMATION

---

Not regulated as a dangerous good.

---

## Section 15: REGULATORY INFORMATION

---

**TSCA Inventory:** These products and/or its components are listed on the Toxic Substance Control Act (TSCA) inventory.

Polyoxyethylene mono(octylphenyl)ether (9002-93-1)

**SARA 302/304** No components were identified

**SARA 313** No components were identified