



# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
**Supersedes Date:** No information available  
**Version** 1

## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

**Product Name** Never-Seez Blue Moly  
**Product Code** BNBM

**Product(s) Covered**  
BNBM1-BTC12 BLUE MOLY 12/1#BT NBBT16  
BNBM8BTC12 BLUE MOLY 12/8 OZ BT NBBT8

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended Use** No information available.  
**Uses Advised Against** No information available

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

#### Company Name

Bostik, Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075  
Email: msds@bostik-us.com

### 1.4. Emergency Telephone Number

**Emergency Telephone** Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## SECTION 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

#### **DANGER**

#### **Hazard Statements**

May cause an allergic skin reaction  
Suspected of causing cancer  
Causes damage to organs through prolonged or repeated exposure

# Safety Data Sheet

BNBM  
Never-Seez Blue Moly

Revision Date 29-Oct-2014  
Supersedes Date: No information available  
Version 1



**Appearance** No information available      **Physical State** Solid      **Odor** Petroleum

## Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product

## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see first aid measures on this label)  
IF ON SKIN: Wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

## Precautionary Statements - Storage

Store locked up

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

## Hazards Not Otherwise Classified (HNOC)

Not Applicable

## Unknown Toxicity

3.49% of the mixture consists of ingredient(s) of unknown toxicity

## 2.3. Other Information

No information available

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances

Not Applicable

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Nickel	7440-02-0	7 - 13
Molybdenum(IV) sulfide	1317-33-5	7 - 13
Zinc oxide	1314-13-2	1 - 5
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)-	25869-00-5	1 - 5
Aluminum	7429-90-5	0.1 - 1

# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
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\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4: First Aid Measures

### 4.1. Description of First Aid Measures

<b>General Advice</b>	Immediate medical attention is required.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.
<b>Skin Contact</b>	Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash off immediately with soap and plenty of water.
<b>Inhalation</b>	Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Immediate medical attention is required. If not breathing, give artificial respiration.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
<b>Self-protection of the First Aider</b>	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

<b>Symptoms</b>	No information available.
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### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

<b>Note to Physicians</b>	May cause sensitization of susceptible persons.
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### 4.4. Reference to Other Sections

<b>Reference to Other Sections</b>	SECTION 8: Exposure Controls/Personal Protection SECTION 11: Toxicological Information
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## SECTION 5: Fire Fighting Measures

### 5.1. Extinguishing Media

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable Extinguishing Media**

Caution: Use of water spray when fighting fire may be inefficient.

### 5.2. Special Hazards Arising from the Substance or Mixture

#### **Specific Hazards Arising from the Chemical**

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

#### **Explosion Data**

<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.

# Safety Data Sheet

BNBM  
Never-Seez Blue Moly

Revision Date 29-Oct-2014  
Supersedes Date: No information available  
Version 1

## 5.3. Advice for Firefighters

### **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.

## **SECTION 6: Accidental Release Measures**

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

### 6.2. Environmental Precautions

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

### 6.3. Methods and Material for Containment and Cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**Methods for Cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material.

### 6.4. References to Other Sections

**Reference to Other Sections** SECTION 8: Exposure Controls/Personal Protection  
SECTION 7: Handling and Storage  
SECTION 13: Disposal Considerations

## **SECTION 7: Handling and Storage**

### 7.1. Precautions for Safe Handling

**Advice on Safe Handling** Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

### 7.2. Conditions for Safe Storage, including any Incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible Materials** None known based on information supplied.

### 7.3. Specific End Use(s)

**Other Information** No information available.

### 7.4. References to Other Sections

**Reference to Other Sections** SECTION 13: Disposal Considerations  
SECTION 10: Stability and Reactivity

# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
**Supersedes Date:** No information available  
**Version** 1

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control Parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Nickel 7440-02-0	TWA: 1.5 mg/m <sup>3</sup> inhalable fraction	IDLH: 10 mg/m <sup>3</sup> IDLH: 10 mg/m <sup>3</sup> Ni TWA: 0.015 mg/m <sup>3</sup> TWA: 0.015 mg/m <sup>3</sup> except Nickel carbonyl Ni	TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>
Molybdenum(IV) sulfide 1317-33-5	TWA: 10 mg/m <sup>3</sup> Mo inhalable fraction TWA: 3 mg/m <sup>3</sup> Mo respirable fraction	IDLH: 5000 mg/m <sup>3</sup> Mo	TWA: 15 mg/m <sup>3</sup> total dust	TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>
Zinc oxide 1314-13-2	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)- 25869-00-5	TWA: 1 mg/m <sup>3</sup> Fe	IDLH: 25 mg/m <sup>3</sup> CN TWA: 1 mg/m <sup>3</sup> Fe	TWA: 5 mg/m <sup>3</sup> CN S*	TWA: 1 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>
Aluminum 7429-90-5	TWA: 1 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 5 mg/m <sup>3</sup> Al	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>

Chemical Name	Argentina	Brazil	Chile	Venezuela
Nickel 7440-02-0	TWA: 1.5 mg/m <sup>3</sup>	-	TWA: 0.8 mg/m <sup>3</sup>	TWA: 1.5 mg/m <sup>3</sup>
Molybdenum(IV) sulfide 1317-33-5	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>	-	TWA: 8 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>
Zinc oxide 1314-13-2	TWA: 5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	-	TWA: 4 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)- 25869-00-5	Ceiling: 5 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> Skin	-	Ceiling: 4.7 ppm Ceiling: 5 mg/m <sup>3</sup> Skin	TWA: 1 mg/m <sup>3</sup>
Aluminum 7429-90-5	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-	TWA: 8 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>

### 8.2. Exposure Controls

#### Engineering Controls

Showers  
Eyewash stations  
Ventilation systems.

#### Personal protective equipment [PPE]

##### Eye/Face Protection

Tight sealing safety goggles.

##### Skin and Body Protection

Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

# Safety Data Sheet

BNBM  
Never-Seez Blue Moly

Revision Date 29-Oct-2014  
Supersedes Date: No information available  
Version 1

## Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

## General Hygiene Considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Color	Blue
Odor	Petroleum
Odor Threshold	No information available

Property	Values	Remarks • Method
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	No information available	
Flash Point	246.1 °C / 475 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper Flammability Limits	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

### 9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	100.0
Density	1.200 g/cm3
VOC	No information available

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical Stability

Stable under recommended storage conditions.

# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
**Supersedes Date:** No information available  
**Version** 1

## 10.3. Possibility of Hazardous Reactions

None under normal processing.

## 10.4. Conditions to Avoid

Extremes of temperature and direct sunlight.

## 10.5. Incompatible Materials

None known based on information supplied.

## 10.6. Hazardous Decomposition Products

None known based on information supplied.

## **SECTION 11: Toxicological Information**

### 11.1. Information on Toxicological Effects

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Nickel 7440-02-0	> 9000 mg/kg ( Rat )	-	-
Molybdenum(IV) sulfide 1317-33-5	-	-	> 2820 mg/m <sup>3</sup> ( Rat ) 4 h
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )	-	-
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)- 25869-00-5	> 5000 mg/kg ( Rat )	-	-

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

<b>Symptoms</b>	No information available.
<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. May cause adverse liver effects.
<b>Target Organ Effects</b>	Eyes, Gastrointestinal tract (GI), Liver, Lungs, Nasal Cavities, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
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# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
**Supersedes Date:** No information available  
**Version** 1

Nickel 7440-02-0	-	Group 2B	Reasonably Anticipated	X
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*IARC (International Agency for Research on Cancer)*  
*Group 2B - Possibly Carcinogenic to Humans*  
*NTP (National Toxicology Program)*  
*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

## SECTION 12: Ecological Information

### 12.1. Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Nickel 7440-02-0	EC50 72 h = 0.18 mg/L (Pseudokirchneriella subcapitata) EC50 96 h 0.174 - 0.311 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h > 100 mg/L (Brachydanio rerio ) LC50 96 h = 10.4 mg/L (Cyprinus carpio static) LC50 96 h = 1.3 mg/L (Cyprinus carpio semi-static)		EC50 48 h > 100 mg/L (Daphnia magna ) EC50 48 h = 1 mg/L (Daphnia magna Static)
Zinc oxide 1314-13-2		LC50 (96h) =0.7 mg/L Fish (Danio rerio)		

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5. Results of PBT and vPvB Assessment

No information available.

### 12.6. Other Adverse Effects

No information available

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

#### **Disposal of Wastes**

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

#### **Contaminated Packaging**

Dispose of in accordance with federal, state and local regulations



# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
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**Version** 1

## SECTION 14: Transport Information

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## SECTION 15: Regulatory Information

### Global Inventories

<b>TSCA</b>	Listed
<b>DSL</b>	Listed

#### Legend:

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

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

#### WHMIS Hazard Class

D2A - Very toxic materials



### United States of America

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No
Nickel	7440-02-0
Zinc oxide	1314-13-2
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)-	25869-00-5

#### California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No
Nickel	7440-02-0
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)-	25869-00-5

### Europe

#### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

# Safety Data Sheet

**BNBM**  
**Never-Seez Blue Moly**

**Revision Date** 29-Oct-2014  
**Supersedes Date:** No information available  
**Version** 1

## EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain a substance(s) on the SVHC as proposed by ECHA above a concentration of 0.1 wt. %

## SECTION 16: Other Information

**HMIS**                      **Health Hazards** 2                      **Flammability** 1                      **Physical Hazards** 0                      **Personal Protection** X

### Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

### Key Literature References and Sources for Data

No information available

**Prepared By**                      Product Safety & Regulatory Affairs

**Revision Date**                      29-Oct-2014

**Revision Note**                      Not Applicable.

**Training Advice**                      No information available

**Further Information**                      No information available

### 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 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**