



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
Supersedes Date: No information available
Version 1

*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

| | |
|---|--|
| General Advice | Immediate medical attention is required. |
| Eye Contact | 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. |
| Skin Contact | 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. |
| Inhalation | 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. |
| Ingestion | 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. |
| Self-protection of the First Aider | Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. |

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

Symptoms No information available.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to Physicians May cause sensitization of susceptible persons.

4.4. Reference to Other Sections

Reference to Other Sections SECTION 8: Exposure Controls/Personal Protection
SECTION 11: Toxicological Information

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

| | |
|---|-------|
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | 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 ³ inhalable fraction | IDLH: 10 mg/m ³ IDLH: 10 mg/m ³ Ni TWA: 0.015 mg/m ³ TWA: 0.015 mg/m ³ except Nickel carbonyl Ni | TWA: 1 mg/m ³ | TWA: 1 mg/m ³ |
| Molybdenum(IV) sulfide 1317-33-5 | TWA: 10 mg/m ³ Mo inhalable fraction TWA: 3 mg/m ³ Mo respirable fraction | IDLH: 5000 mg/m ³ Mo | TWA: 15 mg/m ³ total dust | TWA: 10 mg/m ³ STEL: 20 mg/m ³ |
| Zinc oxide 1314-13-2 | STEL: 10 mg/m ³ respirable fraction TWA: 2 mg/m ³ respirable fraction | IDLH: 500 mg/m ³ Ceiling: 15 mg/m ³ dust TWA: 5 mg/m ³ dust and fume STEL: 10 mg/m ³ fume | TWA: 5 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 5 mg/m ³ TWA: 10 mg/m ³ STEL: 10 mg/m ³ |
| Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)-25869-00-5 | TWA: 1 mg/m ³ Fe | IDLH: 25 mg/m ³ CN TWA: 1 mg/m ³ Fe | TWA: 5 mg/m ³ CN S* | TWA: 1 mg/m ³ TWA: 5 mg/m ³ STEL: 2 mg/m ³ |
| Aluminum 7429-90-5 | TWA: 1 mg/m ³ respirable fraction | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust TWA: 5 mg/m ³ Al | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ TWA: 5 mg/m ³ |

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

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 |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------------------|--------------------------|-------------------------|
| 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

| | |
|----------------------------|--------------------|
| Product Information | No data available |
| Inhalation | No data available. |
| Eye Contact | No data available. |
| Skin Contact | No data available. |
| Ingestion | 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 ³ (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

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

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
| | | | | |

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 |
|---------------------|---|----------|------------------------|---|

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
Supersedes Date: No information available
Version 1

SECTION 14: Transport Information

DOT Not regulated
IATA Not regulated
IMDG Not regulated

SECTION 15: Regulatory Information

Global Inventories

| | |
|-------------|--------|
| TSCA | Listed |
| DSL | 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