

**NEVER SEEZ BLUE MOLY**  
 Revision Number 2

Revision Date 26-Mar-2019  
 Supersedes Date: 29-Oct-2014

**1. Identification**
**1.1. Product Identifier**

**Product Name** NEVER SEEZ BLUE MOLY

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Recommended use** lubricant.  
**Uses advised against** No information available

**1.3. Details of the supplier of the safety data sheet**
**Responsible Party**

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

E-mail msds@bostik.com

**1.4. Emergency telephone number**

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





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	immediately.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. May cause sensitization by skin contact. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move victim to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician or poison control center immediately.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

## 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** Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. May cause sensitization by skin contact. Treat symptomatically.

## 4.4. Reference to Other Sections

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 11: TOXICOLOGY 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. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Product is or contains a sensitizer. May cause sensitization by skin contact.

#### **Explosion Data**

<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.

### 5.3. Advice for firefighters

#### **Special protective actions for fire-fighters**

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. Stop leak if you can do it without risk. Do

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not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

## 6.2. Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. 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. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

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

## 6.4. Reference to other sections

**Reference to other sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## **Section 7: HANDLING AND STORAGE**

### 7.1. Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. After contact with skin, wash immediately with plenty of water and soap. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

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

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

### 7.3. Specific end use(s)

**Specific Use(s)**  
lubricant.

**Other information** No information available.

### 7.4. References to Other Sections

**Reference to other sections** Section 13: DISPOSAL CONSIDERATIONS  
Section 10: STABILITY AND REACTIVITY

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1. Control parameters

**Exposure Guidelines** . This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely

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to occur from exposure to this product.

Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Nickel 7440-02-0	TWA: 1.5 mg/m <sup>3</sup> inhalable particulate matter	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 particulate matter TWA: 3 mg/m <sup>3</sup> Mo respirable particulate matter	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 particulate matter TWA: 2 mg/m <sup>3</sup> respirable particulate matter	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* as CN	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 particulate matter	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: 0.88 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: 8.75 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: 4.4 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 2 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>	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: 8.75 mg/m <sup>3</sup> TWA: 4.5 mg/m <sup>3</sup> TWA: 4.4 mg/m <sup>3</sup>	TWA: 10 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.

#### 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

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Take off all contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical State	Solid
Appearance	Paste
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 data available	
Boiling point / boiling range	No data available	
Flash Point	246 °C / 475 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Relative Density	No information available	
Water Solubility	No information available	
Solubility in Other Solvents		
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	
<b>9.2. Other information</b>		
Softening Point	No information available	
Molecular Weight	No information available	
Solvent content (%)	No information available	
Solid content (%)	100	
Density	1.2 g/cm <sup>3</sup>	
VOC (volatile organic compound)		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.

### 10.3. Possibility of hazardous reactions

None under normal processing.

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## 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: TOXICOLOGY 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>	May cause sensitization by skin contact.
<b>Ingestion</b>	No data available.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Nickel 7440-02-0	> 9000 mg/kg ( Rat )	-	> 10.2 mg/L ( Rat ) 1 h
Molybdenum(IV) sulfide 1317-33-5	-	-	> 2820 mg/m <sup>3</sup> ( Rat ) 4 h
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )	LD50 >2000 mg/Kg (Rat) (OECD 402)	LC50 (4h) >5.7 mg/l
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)- 25869-00-5	> 5000 mg/kg ( Rat )	-	-
Aluminum 7429-90-5	LD50 >10,000 mg/Kg (Rat)(OECD Guideline 401)	-	-

### 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>	May cause sensitization by skin contact.
<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>	Causes damage to organs through prolonged or repeated exposure if inhaled.
<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, retina, Skin, Lungs, Nasal Cavities, blood, Gastrointestinal tract (GI).
<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
Nickel	-	Group 2B	Reasonably Anticipated	X

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7440-02-0				
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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: =1.84 - 1.96 mg/L (72h, Spirodela polyrhiza)	LC50 96 h = 1.3 mg/L (Cyprus carpio)		EC50: =1mg/L (48h, Daphnia magna)
Zinc oxide 1314-13-2	LC 50 (72Hr) 0.136 mg/L	LC50 (96h) =0.7 mg/L Fish (Danio rerio)		LC 50 (48Hr) =0.5 mg/l (Ceriodaphnia dubia)
Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)- 25869-00-5		LC50: >1000mg/L (96h, Leuciscus idus)		

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 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

## Section 14: TRANSPORT INFORMATION

### Note:

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition)  
The information shown here, may not always agree with the bill of lading shipping



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description for the material

## DOT

**UN/ID No** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Hazard Class** 9  
**Packing Group** III  
**Reportable Quantity (RQ)** (Nickel: RQ (kg)= 45.40)  
**Special Provisions** 146, 335, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33, 8  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.(Zinc oxide), 9, III, Marine Pollutant  
**Emergency Response Guide Number** 171

## IATA

**UN Number** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing Group** III  
**ERG Code** 9L  
**Special Provisions** A158, A179, A97, A197  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.(Zinc oxide), 9, III

## IMDG

**UN Number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing Group** III  
**EmS-No.** F-A, S-F  
**Special Provisions** 274, 335, 966, 967, 969  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s.(Zinc oxide), 9, III, Marine Pollutant

## **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.

### 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

<b>Chemical name</b>	<b>CAS No.</b>
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

#### **SARA 311/312 Hazard Categories**

**Acute Health Hazard**

Yes

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Chronic Health Hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

## 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

### SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

### 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** 26-Mar-2019

**Revision note** SDS sections updated, 1, 4, 5, 6, 7, 8, 11, 12, 14, 15, 16.

**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 a 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**