

In accordance with OSHA 29 CFR 1910.1200

NEVER SEEZ REGULAR GRADE Revision Number 4 Revision date 09-Aug-2021 Supersedes Date: 09-May-2018

## 1. Identification

### 1.1. Product identifier

Product Name NEVER SEEZ REGULAR GRADE

Other means of identification

Other information Not applicable

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

Recommended use lubricant

Restrictions on use 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

Emergency Telephone Chemtrec (Transport/Environmental): 1-800-424-9300

1-703-527-3887 (Outside U.S.)

Rocky Mountain Poison Center: 1-866-767-5089

# 2. Hazard(s) identification

## 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label elements

### **EMERGENCY OVERVIEW**

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

Appearance Paste Physical state Solid Odor Petroleum distillates

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### 2.3. Other Information

No information available.

# 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%
Graphite	7782-42-5	10 - 30
Copper	7440-50-8	5 - <10
Zinc oxide	1314-13-2	1 - <5
Aluminum	7429-90-5	1 - <5

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. First-aid measures

### 4.1. Description of first aid measures

**Inhalation** Remove to fresh air. (Call a physician if symptoms occur).

**Eye contact**Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

**Skin contact** Wash skin with soap and water. If skin irritation or rash occurs: Get medical

advice/attention.

Ingestion Clean mouth with water. Do not induce vomiting without medical advice. Never give

anything by mouth to an unconscious person. Get medical attention if symptoms occur.

### 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

## 5. Fire-fighting measures

### 5.1. Extinguishing media

surrounding environment.

**Large Fire**CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

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Specific hazards arising from the

chemical

No information available.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2). Sulfur oxides.

**Explosion data** 

Sensitivity to mechanical impact None.

Sensitivity to static discharge Non

5.3. Advice for firefighters

Special protective equipment for

fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

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(approved or equivalent) and full protective gear.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Ensure adequate ventilation. Stop leak if

you can do it without risk.

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. Cover with plastic sheet to prevent

spreading.

Methods for cleaning up

Use personal protective equipment as required. Take up with sand or other noncombustible

absorbent material and place into containers for later disposal. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## 7. Handling and storage

### 7.1. Precautions for safe handling

hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Wash thoroughly after handling. Take off contaminated clothing and

wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

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7.3 References to other sections

Reference to other sections Section 10: STABILITY AND REACTIVITY

Section 13: DISPOSAL CONSIDERATIONS

# 8. Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** 

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 to occur from exposure to this product.

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Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Graphite	TWA: 2 mg/m <sup>3</sup> respirable	TWA: 15 mg/m³ total dust	IDLH: 1250 mg/m <sup>3</sup>
7782-42-5	particulate matter all forms	synthetic	TWA: 2.5 mg/m <sup>3</sup> natural
	except graphite fibers	TWA: 5 mg/m <sup>3</sup> respirable	respirable dust
	-	fraction synthetic	
		(vacated) TWA: 2.5 mg/m <sup>3</sup>	
		respirable dust natural	
		(vacated) TWA: 10 mg/m³ total	
		dust synthetic	
		(vacated) TWA: 5 mg/m <sup>3</sup>	
		respirable fraction synthetic	
		TWA: 15 mppcf natural	
Copper	TWA: 0.2 mg/m <sup>3</sup> fume	TWA: 0.1 mg/m <sup>3</sup> fume	IDLH: 100 mg/m <sup>3</sup> dust, fume
7440-50-8		TWA: 1 mg/m <sup>3</sup> dust and mist	and mist
		(vacated) TWA: 0.1 mg/m³ Cu	TWA: 1 mg/m³ dust and mist
		dust, fume, mist	TWA: 0.1 mg/m³ fume
Zinc oxide	STEL: 10 mg/m³ respirable	TWA: 5 mg/m <sup>3</sup> fume	IDLH: 500 mg/m <sup>3</sup>
1314-13-2	particulate matter	TWA: 15 mg/m³ total dust	Ceiling: 15 mg/m <sup>3</sup> dust
	TWA: 2 mg/m³ respirable	TWA: 5 mg/m <sup>3</sup> respirable	TWA: 5 mg/m <sup>3</sup> dust and fume
	particulate matter	fraction	STEL: 10 mg/m³ fume
		(vacated) TWA: 5 mg/m³ fume	
		(vacated) TWA: 10 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m <sup>3</sup>	
		respirable fraction	
		(vacated) STEL: 10 mg/m <sup>3</sup>	
		fume	
Aluminum	TWA: 1 mg/m³ respirable	TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ total dust
7429-90-5	particulate matter		TWA: 5 mg/m <sup>3</sup> respirable dust
		fraction	TWA: 5 mg/m³ Al
		(vacated) TWA: 15 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m <sup>3</sup>	
		respirable fraction	
		(vacated) TWA: 5 mg/m³ Al	
		Aluminum	

Chemical name	Argentina	Brazil	Chile	Colombia
Graphite	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 1.75 mg/m <sup>3</sup>	TWA: 2mg/m <sup>3</sup>
7782-42-5				
Copper	TWA: 0.2 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup>	TWA: 0.18 mg/m <sup>3</sup>	TWA: 0.2mg/m <sup>3</sup>
7440-50-8	TWA: 1 mg/m <sup>3</sup>	_	TWA: 0.88 mg/m <sup>3</sup>	_
Zinc oxide	TWA: 5 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 4.4 mg/m <sup>3</sup>	STEL: 10mg/m <sup>3</sup>
1314-13-2	TWA: 10 mg/m <sup>3</sup>			TWA: 2mg/m³

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	STEL: 10 mg/m <sup>3</sup>			
Aluminum 7429-90-5	TWA: 10 mg/m³ TWA: 5 mg/m³	TWA: 1 mg/m³	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: 1mg/m <sup>3</sup>

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Graphite 7782-42-5	TWA: 2mg/m³	TWA: 2mg/m³	2 mg/m³ TWA (all forms except graphite fibers, respirable particulate matter)	TWA: 2 mg/m <sup>3</sup>
Copper 7440-50-8	TWA: 0.2mg/m <sup>3</sup>	TWA: 0.2mg/m <sup>3</sup> TWA: 1mg/m <sup>3</sup>	0.2 mg/m³ TWA (fume)	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
Zinc oxide 1314-13-2	TWA: 2mg/m³ STEL: 10mg/m³	STEL: 10mg/m³ TWA: 2mg/m³ TWA: 10mg/m³	10 mg/m³ STEL (respirable particulate matter) 2 mg/m³ TWA (respirable particulate matter)	STEL: 10 mg/m³ TWA: 2 mg/m³ TWA: 10 mg/m³
Aluminum 7429-90-5	TWA: 1mg/m³	TWA: 10mg/m³ TWA: 5mg/m³	1 mg/m³ TWA (respirable particulate matter)	TWA: 10 mg/m³

#### 8.2. Exposure controls

### **Appropriate engineering controls**

Engineering controls Showers

Eyewash stations Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Hand 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.

**Skin and body protection**Wear suitable protective clothing.

**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** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial

hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Take off contaminated clothing and wash it before reuse. Regular

cleaning of equipment, work area and clothing is recommended.

# Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Solid Physical state **Appearance** Paste Color Gray

Odor Petroleum distillates No information available **Odor threshold** 

**Property** Values Remarks • Method

Hq No data available Not applicable Insoluble in water

pH (as aqueous solution) No data available None known No data available None known Melting point / freezing point No data available None known Initial boiling point and boiling

range

246 °C / 475 °F Flash point

**Evaporation rate** No data available None known

**Flammability** Not applicable for liquids .

Flammability Limit in Air None known

Upper flammability or explosive

No data available limits

Lower flammability or explosive No data available

limits

No data available Vapor pressure None known Relative vapor density No data available None known No data available Relative density None known

Water solubility No data available

Solubility(ies) No data available None known Partition coefficient No data available None known No data available Autoignition temperature None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known **Dynamic viscosity** No data available None known

9.2. Other information

**Explosive properties** No information available No information available **Oxidizing properties** Solvent content (%) No information available Solid content (%) No information available **Softening Point** No information available Molecular weight No information available

**VOC Content (%) Density** 1.190 g/cm<sup>3</sup>

**Bulk density** No information available No information available

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# 10. Stability and reactivity

10.1. Reactivity

No information available. Reactivity

10.2. Chemical stability

Stable under normal conditions. Chemical stability

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

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**Conditions to avoid** Extremes of temperature and direct sunlight.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides Nitrogen oxides (NOx) May emit toxic fumes under fire conditions

# 11. Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

**Skin contact** Based on available data, the classification criteria are not met.

**Ingestion** Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

**Acute toxicity** 

**Numerical measures of toxicity** 

The following values are calculated based on chapter 3.1 of the GHS document

### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Graphite	-	-	>2000 mg/m³ (Rattus) 4 h
7782-42-5			-
Zinc oxide	>5000 mg/kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	LC50 (4h) >5.7 mg/l
1314-13-2		(OECD 402)	
Aluminum	LD50 >10,000 mg/Kg	-	-
7429-90-5	(Rattus)(OECD 401)		

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation**Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

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**Carcinogenicity** Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Other adverse effects No information available.

Interactive effects No information available.

# 12. Ecological information

### 12.1. Toxicity

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

### **Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Graphite 7782-42-5	-	LC50: >100mg/L (96h, Danio rerio)	-	-
Copper 7440-50-8	EC50: 0.031 - 0.054mg/L (96h, Pseudokirchneriella subcapitata) EC50: 0.0426 - 0.0535mg/L (72h, Pseudokirchneriella subcapitata)		-	EC50: =0.03mg/L (48h, Daphnia magna)
Zinc oxide 1314-13-2	LC 50 (72Hr) 0.136 mg/L	LC50 (96h) =0.7 mg/L (Danio rerio)	-	LC 50 (48Hr) =0.5 mg/l (Ceriodaphnia dubia)

### 12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

12.4. Mobility in soil

**Mobility** No information available.

Other adverse effects

Other adverse effects No information available.

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## 13. Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused

products

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

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disposal methods in compliance with applicable regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

# 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 description for the material 49 CFR 171.4(c) "Exceptions. Except when all or part of the transportation is by vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk

packagings transported by motor vehicle, rail car or aircraft."

DOT

UN/ID No UN3077

**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.

Transport hazard class(es)

**Packing Group** 

**Special Provisions** 146, 335, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33, 8 PP

Marine Pollutant

**DOT Marine Pollutant Name** Copper

UN3077, Environmentally hazardous substance, solid, n.o.s.(Copper, Zinc oxide), 9, III, Description

Marine Pollutant

**Emergency Response Guide** 

Number

171

IATA

**UN** number or ID number

**UN** proper shipping name Environmentally hazardous substance, solid, n.o.s. Transport hazard class(es)

Ш

Packing group

**Special Provisions** A158, A179, A97, A197

UN3077, Environmentally hazardous substance, solid, n.o.s. (Copper, Zinc oxide), 9, III Description

**IMDG** 

UN3077 **UN** number or ID number

UN proper shipping name Environmentally hazardous substance, solid, n.o.s.

Transport hazard class(es) Ш Packing group

**EmS-No** F-A. S-F

274, 335, 966, 967, 969 **Special Provisions** 

Marine pollutant

**IMDG Marine Pollutant Name** 

Copper, Zinc oxide

UN3077, Environmentally hazardous substance, solid, n.o.s. (Copper, Zinc oxide), 9, III, Description

Marine Pollutant

# 15. Regulatory information

### **International Inventories**

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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.

### **US Federal Regulations**

### **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.	SARA 313 - Threshold Values %
Copper	7440-50-8	1.0
Zinc oxide	1314-13-2	1.0
Aluminum	7429-90-5	1.0

### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

### Europe

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

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

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

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

## 16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

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

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value \* Skin designation

Prepared By Product Safety & Regulatory Affairs.

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**Revision note** SDS sections updated. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 14. 15.

### 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,

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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** 

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