

In accordance with OSHA 29 CFR 1910.1200

NEVER SEEZ REGULAR GRADE Revision Number 5

Revision date 28-Feb-2025 Supersedes date 09-Aug-2021

# 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) 726-7845 (Domestic Toll Free) Phone: +1 (414) 774-2250 (International)

E-mail msds@bostik.com

### 1.4. Emergency telephone number

Emergency Telephone CHEMTREC (Chemical Transportation Emergency Center)

Chemtrec: 1-800-424-9300 (US), 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**

## Hazard statements

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.

### <u>Mixture</u>

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. If symptoms persist, call a physician.

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** Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious

person. Do NOT induce vomiting. Get medical attention if symptoms occur.

## 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

Effects of Exposure No information available.

4.3. Indication of any immediate medical attention and special treatment needed

# 5. Fire-Fighting Measures

### 5.1. Extinguishing media

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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

Specific hazards arising from the

chemical

No information available.

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

**Explosion data** 

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

5.3. Advice for firefighters

Special protective equipment and

precautions 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

thoroughly after handling.

6.2. Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Prevent product from

entering drains. 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.

Methods for cleaning up

Use personal protective equipment as required. 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.

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# 7.2. Conditions for safe storage, including any incompatibilities

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

#### 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

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

occur from exposure to this product.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Graphite	TWA: 2 mg/m³ 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	
		TWA: 15 mppcf respirable dust	
		natural	
		(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/m <sup>3</sup> dust and mist
		dust, fume, mist	TWA: 0.1 mg/m <sup>3</sup> fume
Zinc oxide	TWA: 2 mg/m <sup>3</sup> respirable	TWA: 5 mg/m³ 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
	STEL: 10 mg/m³ respirable	TWA: 5 mg/m³ 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/m <sup>3</sup> total dust	TWA: 10 mg/m <sup>3</sup> total dust
7429-90-5	particulate matter	TWA: 5 mg/m³ respirable	TWA: 5 mg/m³ respirable dust
		fraction	
		(vacated) TWA: 15 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m <sup>3</sup>	
		respirable fraction	

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
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Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	LPP: 1.75 mg/m <sup>3</sup>	TWA: 2mg/m <sup>3</sup>
Copper 7440-50-8	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup>	LPP: 0.18 mg/m <sup>3</sup> LPP: 0.88 mg/m <sup>3</sup>	TWA: 0.2mg/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: 2 mg/m³ STEL: 10 mg/m³ respirable particulate matter	LPP: 4.4 mg/m <sup>3</sup> LPT: 10 mg/m <sup>3</sup>	STEL: 10mg/m³ TWA: 2mg/m³
Aluminum 7429-90-5	TWA: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	LPP: 8.75 mg/m <sup>3</sup> LPP: 4.5 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/m <sup>3</sup>	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	STEL: 10mg/m³ TWA: 2mg/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/m <sup>3</sup>	TWA: 10mg/m <sup>3</sup>	1 mg/m³ TWA (respirable particulate matter)	TWA: 10 mg/m <sup>3</sup>

## 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** Lightweight protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

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 hands before breaks and after work. Regular cleaning of equipment, work area and clothing

is recommended.

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None known

# 9. Physical and Chemical Properties

## 9.1. Information on basic physical and chemical properties

Physical state Solid **Appearance** Paste Color Gray

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

Remarks • Method **Property** Values

pН No data available Not applicable Insoluble in water

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

246 °C / 475 °F Flash point

No data available **Evaporation rate** None known

Flammability No data available

Flammability Limit in Air Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

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

Insoluble in water Water solubility

Solubility(ies) No data available None known No data available None known **Partition coefficient** 

**Autoignition temperature** 226 °C / 438.8 °F

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

No information available No information available **VOC** content

1.190 g/cm<sup>3</sup> **Liquid Density** 

**Bulk density** No information available

# 10. Stability and Reactivity

10.1. Reactivity

No information available. Reactivity

10.2. Chemical stability

Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions 
None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

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

 ATEmix (oral)
 25,162.50 mg/kg

 ATEmix (dermal)
 20,132.00 mg/kg

 ATEmix (inhalation-gas)
 >20000 ppm

 ATEmix (inhalation-dust/mist)
 >5 mg/l

 ATEmix (inhalation-vapor)
 >20 mg/l

### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Graphite	-	-	>2000 mg/m³ (Rattus) 4 h
7782-42-5			-
Copper	-	-	> 5.11 mg/L (Rat)4 h
7440-50-8			-
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	-	> 0.888 mg/L (Rat)4 h
7429-90-5	(Rattus)(OECD 401)		

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

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**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.

**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

#### **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: 0.0426 - 0.0535mg/L (72h, Pseudokirchneriella subcapitata) EC50: 0.031 - 0.054mg/L (96h, Pseudokirchneriella subcapitata)	LC50 96 h = 0.8 mg/L (Cyprinus carpio static)	-	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

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**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.

# 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 number or ID number UN3077

Extended proper shipping name Environmentally hazardous substance, solid, n.o.s.(Copper, Zinc oxide)

Transport hazard class(es) 9
Packing group III

**Special Provisions** 8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33

DOT Marine PollutantPPMarine pollutantCopper

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

Marine pollutant

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Number

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<u>IATA</u>

UN number or ID number UN3077

**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s. (Copper, Zinc oxide)

Transport hazard class(es) 9
Packing group | |||

**Special Provisions** A97, A158, A179, A197, A215

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

**IMDG** 

UN number or ID number UN3077

UN proper shipping name Environmentally hazardous substance, solid, n.o.s. (Copper, Zinc oxide)

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Transport hazard class(es) 9
Packing group III
EmS-No. F-A, S-F

**Special Provisions** 274, 335, 375, 966, 967, 969

Marine pollutant F

IMDG Marine Pollutant Name Copper, Zinc oxide

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

Marine pollutant

# 15. Regulatory Information

#### **International Inventories**

TSCA	Complies
DSL	Complies

Legend:

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

DSL - Canadian Domestic Substances List

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

**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.

# 16. Other Information

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

Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Ceiling Maximum limit value Sk\* Skin designation

Prepared By Product Safety & Regulatory Affairs.

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**Revision Note** SDS sections updated. 1. 4. 5. 6. 8. 9. 10. 11. 15.

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The Company adheres to a strict policy that applies to the use of any of its products in medical device applications. This policy can be found at

https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-mana gement/medical-device-policy/ which is incorporated herein by reference and made a part hereof. Except as expressly authorized, the Company (i) has designated specific medical grade compositions for products used in medical device applications and Company products not so designated are not authorized for use in medical device applications and (ii) strictly prohibits the use of any of its products in medical device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. The Company does not design, manufacture and/or directly sell any medical devices. The Company does not co-design, or offer assistance to any purchaser of its products, in their design, manufacture and/or sale of products for medical devices. It is the sole responsibility of the manufacturer of medical devices to determine the suitability of all raw material, products and components, including any medical grade products, in order to ensure that the medical device is safe for end-use and complies with all applicable legal and regulatory requirements and to conduct all necessary tests and inspections.

**End of Safety Data Sheet** 

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