

In accordance with OSHA 29 CFR 1910.1200

**NEVER-SEEZ MARINER'S CHOICE** 

**Revision Number** 6

Revision date 09-Mar-2023 Supersedes Date: 10-Nov-2022

# 1. Identification

#### 1.1. Product identifier

Product Name NEVER-SEEZ MARINER'S CHOICE

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 (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**

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

Appearance Paste Physical state Solid Odor Petroleum

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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
Calcium fluoride (CaF2)	7789-75-5	7 - <13
Aluminum	7429-90-5	1 - <5
Carbonic acid, calcium salt (1:1)	471-34-1	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 with plenty of water. Get medical attention if irritation develops and persists.

**Ingestion** Clean mouth with water. Never give anything by mouth to an unconscious person. Do NOT

induce vomiting. If swallowed, call a poison control center or physician immediately.

#### 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** Treat symptomatically.

# 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.

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

Specific hazards arising from the

chemical

No information available.

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

**Explosion data** 

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

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. Stop leak if you can do it without risk.

Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly

after handling.

#### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the

ground or into any body of water. 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. Cover with plastic sheet to prevent

spreading.

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. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Take off contaminated clothing and

wash before reuse.

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

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

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**

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/m³ 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	
Calcium fluoride (CaF2)	TWA: 2.5 mg/m <sup>3</sup> F	TWA: 2.5 mg/m <sup>3</sup> F	IDLH: 250 mg/m <sup>3</sup> F
7789-75-5		(vacated) TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup> F
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/m³ respirable	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	
Carbonic acid, calcium salt (1:1)	-	-	TWA: 10 mg/m³ total dust
471-34-1			TWA: 5 mg/m <sup>3</sup> respirable dust

Chemical name	Argentina	Brazil	Chile	Colombia
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>
Calcium fluoride (CaF2) 7789-75-5	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	LPP: 2.19 mg/m <sup>3</sup>	TWA: 2.5mg/m <sup>3</sup>
Aluminum 7429-90-5	TWA: 10 mg/m <sup>3</sup> TWA: 5 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> LPP: 4.4 mg/m <sup>3</sup>	TWA: 1mg/m <sup>3</sup>

	Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Ī	Graphite	TWA: 2mg/m <sup>3</sup>	TWA: 2mg/m <sup>3</sup>	2 mg/m3 TWA (all forms	TWA: 2 mg/m <sup>3</sup>
	7782-42-5	-		except graphite fibers,	
Į				respirable particulate	

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Chemical name	Costa Rica	Peru	Uruguay	Venezuela
			matter)	
Calcium fluoride (CaF2) 7789-75-5	TWA: 2.5mg/m <sup>3</sup>	TWA: 2.5mg/m <sup>3</sup>	2.5 mg/m³ TWA (as F)	TWA: 2.5 mg/m <sup>3</sup>
Aluminum 7429-90-5	TWA: 1mg/m <sup>3</sup>	TWA: 10mg/m³ TWA: 5mg/m³	1 mg/m³ TWA (respirable particulate matter)	TWA: 10 mg/m <sup>3</sup>
Carbonic acid, calcium salt (1:1) 471-34-1	-	TWA: 10mg/m <sup>3</sup>	-	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 gloves.

**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

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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. Regular cleaning of equipment, work area and clothing is

recommended.

# 9. Physical and chemical properties

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

Physical stateSolidAppearancePasteColorBlackOdorPetroleum

Odor threshold No information available

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

pH No data available Not applicable Insoluble in water

pH (as aqueous solution)

No data available

None known

No data available

None known

None known

None known

None known

None known

None known

Flash point > 115 °C / 239 °F

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**Evaporation rate** No data available None known No data available **Flammability** None known None known

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

No data available None known Vapor pressure Relative vapor density No data available None known Relative density No data available None known Water solubility No data available None known Solubility(ies) No data available None known **Partition coefficient** No data available None known **Autoignition temperature** No data available None known **Decomposition temperature** No data available None known Kinematic viscosity 460 mm<sup>2</sup>/s @ 40 °C No data available None known **Dynamic viscosity** 

9.2. Other information

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

10.5 LB/GAL **Liquid Density** 

**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

**Chemical stability** Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

None known based on information supplied. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied

# 11. Toxicological information

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#### 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) 16,116.30 mg/kg
ATEmix (dermal) >5000 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			
Calcium fluoride (CaF2)	=4250 mg/kg (Rattus)	-	> 5070 mg/m³ (Rat) 4 h
7789-75-5			
Aluminum	LD50 >10,000 mg/Kg	-	> 0.888 mg/L (Rat) 4 h
7429-90-5	(Rattus)(OECD 401)		-
Carbonic acid, calcium salt (1:1)	LD50 > 2000 mg/kg (Rattus)	LD50 >2000 mg/kg (Rattus)	LC50 (4h) >3mg/ml (Rattus)
471-34-1	OECD 420	OECD 402	

#### 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.

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

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA

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Calcium fluoride (CaF2)	-	Group 3	-	-
7789-75-5				

Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

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.

Target organ effects Respiratory system, Eyes, Skin, Central Vascular System (CVS).

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	Crustacea
			microorganisms	
Graphite	-	LC50: >100mg/L (96h,	=	-
7782-42-5		Danio rerio)		
Carbonic acid, calcium	IC50 72H Algae >1000	CL50 96H >1000 mg/l	-	EC50 48H Daphnia
salt (1:1)	mg/l			>1000 mg/l
471-34-1				

### 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

Not regulated DOT <u>IATA</u> Not regulated

# 15. Regulatory information

#### **International Inventories**

TSCA	Listed
DSL	Listed

Legend:

**IMDG** 

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 regulated

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

#### **US Federal Regulations**

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 %
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.

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#### **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.

**Revision date** 09-Mar-2023

**Revision Note** SDS sections updated. 3. 4. 8. 9. 11. 12.

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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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