

NEVER SEEZ STAINLESS Revision Number 2 Revision date 23-Apr-2020 Supersedes Date: 16-May-2018

1. Identification

1.1. Product Identifier

Product Name NEVER SEEZ STAINLESS

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

2.2. Label Elements

EMERGENCY OVERVIEW

Warning

Hazard statements

May cause an allergic skin reaction Suspected of causing cancer



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Appearance Paste 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

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

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 acute toxicity

1 % 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

Mixture

3.2 Mixtures

Chemical name	CAS No	Weight-%
Graphite	7782-42-5	10 - 30
Zinc oxide	1314-13-2	1 - 5
Aluminum	7429-90-5	1 - 5
Chromium	7440-47-3	1 - 5
Nickel	7440-02-0	0.1 - 1
N-1-naphthylaniline	90-30-2	0.1 - 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 If medical advice is needed, have product container or label at hand.

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. If eye irritation

persists: Get medical advice/attention.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

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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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get Inhalation

medical attention if symptoms occur.

Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious Ingestion

person. Do NOT induce vomiting. If swallowed, call a poison control center or physician

immediately.

Ensure that medical personnel are aware of the material(s) involved, take precautions to Self-protection of the first aider

protect themselves and prevent spread of contamination.

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. May cause sensitization by skin contact.

Treat symptomatically.

4.4. Reference to Other Sections

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Reference to other sections

Section 11: TOXICOLOGY INFORMATION

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

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

Sensitivity to mechanical impact None. Sensitivity to static discharge 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

Use personal protective equipment as required. Do not touch or walk through spilled Personal precautions material. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or

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clothing.

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.

Methods for cleaning up

Use personal protective equipment as required. Soak up with inert absorbent material. Take

up mechanically, placing in appropriate containers for disposal. Clean contaminated surface

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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

hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure

adequate ventilation, especially in confined areas. 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 in properly labeled containers. Keep containers

tightly closed in a dry, cool and well-ventilated place.

Incompatible materialsNone 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

Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Graphite	TWA: 2 mg/m ³ respirable	IDLH: 1250 mg/m ³	TWA: 15 mg/m³ total dust	TWA: 2 mg/m ³

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7782-42-5	particulate matter all forms	TWA: 2.5 mg/m ³ natural	synthetic	TWA: 10 mg/m ³
	except graphite fibers	respirable dust	TWA: 5 mg/m ³ respirable	
			fraction synthetic	
			TWA: 15 mppcf natural	
Zinc oxide	STEL: 10 mg/m³ respirable		TWA: 5 mg/m³ fume	TWA: 2 mg/m ³
1314-13-2	particulate matter	Ceiling: 15 mg/m ³ dust	TWA: 15 mg/m³ total dust	STEL: 10 mg/m ³
	TWA: 2 mg/m ³ respirable	TWA: 5 mg/m ³ dust and	TWA: 5 mg/m ³ respirable	
	particulate matter	fume	fraction	
		STEL: 10 mg/m ³ fume		
Aluminum	TWA: 1 mg/m ³ respirable	TWA: 10 mg/m ³ total dust	TWA: 15 mg/m ³ total dust	TWA: 1 mg/m ³ TWA: 5
7429-90-5	particulate matter	TWA: 5 mg/m ³ respirable	TWA: 5 mg/m ³ respirable	mg/m³
	·	dust TWA: 5 mg/m ³ Al	fraction	_
Chromium	TWA: 0.5 mg/m ³ inhalable	IDLH: 250 mg/m ³	TWA: 1 mg/m ³	TWA: 0.5 mg/m ³
7440-47-3	particulate matter	TWA: 0.5 mg/m ³	_	
Nickel	TWA: 1.5 mg/m ³ inhalable	IDLH: 10 mg/m ³ IDLH: 10	TWA: 1 mg/m ³	TWA: 1.5 mg/m ³
7440-02-0	particulate matter	mg/m³ Ni		
		TWA: 0.015 mg/m ³ TWA:		
		0.015 mg/m³ except Nickel		
		carbonyl Ni		

Chemical name	Argentina	Brazil	Chile	Venezuela
Graphite 7782-42-5	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 1.75 mg/m ³	TWA: 2 mg/m ³
Zinc oxide 1314-13-2	TWA: 5 mg/m³ TWA: 10 mg/m³ STEL: 10 mg/m³	TWA: 2 mg/m ³	TWA: 4.4 mg/m ³	STEL: 10 mg/m ³ TWA: 2 mg/m ³ TWA: 10 mg/m ³
Aluminum 7429-90-5	TWA: 10 mg/m³ TWA: 5 mg/m³	TWA: 1 mg/m ³	TWA: 8.75 mg/m³ TWA: 4.5 mg/m³ TWA: 4.4 mg/m³	TWA: 10 mg/m ³
Chromium 7440-47-3	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	TWA: 0.44 mg/m ³	TWA: 0.5 mg/m ³
Nickel 7440-02-0	TWA: 1.5 mg/m ³	TWA: 1.5 mg/m ³	TWA: 0.88 mg/m ³	TWA: 1.5 mg/m ³

8.2. Exposure controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Personal protective equipment [PPE]

Respiratory protection

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

Skin and body protectionWear 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.

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. Do not eat, drink or smoke when using this product. Avoid contact with eyes, skin and clothing. Wash face, hands and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash it before reuse. Regular

cleaning of equipment, work area and clothing is recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical stateSolidAppearancePasteColorWhite

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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
Boiling point / boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
No information available
No information available
No information available

Flammability Limit in Air

Upper flammability or explosive No information available

limits

Lower flammability or explosive No information available

limits

Vapor pressureNo information availableVapor densityNo information availableRelative densityNo information availableWater solubilityNo information available

Solubility in Other Solvents

Partition coefficientNo information availableAutoignition temperatureNo information availableDecomposition temperatureNo information availableKinematic viscosityNo information available

Dynamic viscosity No information available

Explosive properties No information available Oxidizing properties No information available

9.2. Other information

Softening Point
Molecular weight
Solvent content (%)
Solid content (%)
No information available
No information available
No information available
No information available

Density 1.19 g/cm³

VOC Content (%) 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.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible materials

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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

Product Information No data available

InhalationBased on available data, the classification criteria are not met.Eye contactBased on available data, the classification criteria are not met.

Skin contact May cause sensitization by skin contact.

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

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Graphite 7782-42-5	-	-	>2000 mg/m³ (Rattus) 4 h
Zinc oxide 1314-13-2	>5000 mg/kg (Rattus)	LD50 >2000 mg/Kg (Rattus) (OECD 402)	LC50 (4h) >5.7 mg/l
Aluminum 7429-90-5	LD50 >10,000 mg/Kg (Rattus)(OECD 401)	-	-
Chromium 7440-47-3	>5000 mg/Kg (Rattus)	-	LC50 4h >5.41 mg/L (Rattus)
Nickel 7440-02-0	>9000 mg/kg (Rattus)	-	>10.2 mg/L (Rattus) 1 h
N-1-naphthylaniline 90-30-2	=1625 mg/kg (Rattus)	> 8000 mg/kg (Oryctolagus cuniculus)	-

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

No information available. **Symptoms** Skin corrosion/irritation No information available. No information available. Serious eye damage/eye irritation No information available. Irritation Corrosivity No information available. Sensitization No information available. No information available. Germ cell mutagenicity Reproductive toxicity No information available. **Developmental toxicity** No information available. **Teratogenicity** No information available.

STOT - single exposure
STOT - repeated exposure
Chronic Toxicity
Target organ effects
Aspiration hazard
No information available.

Carcinogenicity Category 2: Substances that cause cancer in animals, and are considered to cause cancer

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

carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Chromium 7440-47-3	-	Group 3	-	-
Nickel 7440-02-0	-	Group 2B	Reasonably Anticipated	Х

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Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in 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

No information available

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Graphite		LC50: >100mg/L (96h, Danio		
7782-42-5		rerio)		
Zinc oxide	LC 50 (72Hr) 0.136 mg/L	LC50 (96h) =0.7 mg/L		LC 50 (48Hr) =0.5 mg/l
1314-13-2		(Danio rerio)		(Ceriodaphnia dubia)
Nickel	EC50: =1.84 - 1.96 mg/L	LC50 96 h = 1.3 mg/L		EC50: =1mg/L (48h,
7440-02-0	(72h,Spirodela polyrhiza)	(Cyprus carpio)		Daphnia magna)
N-1-naphthylaniline		LC50 96hr = 0.44 mg/L	_	EC50 48Hr = 0.3 mg/L
90-30-2		_		(Daphnia magna)

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

description for the material

DOT

UN/ID No UN3077

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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., 9, III, Marine Pollutant

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Number

<u>IATA</u>

UN number UN3077

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s. (Zinc oxide, Manganese)

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, Manganese), 9,

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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, Manganese), 9,

III, Marine Pollutant

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.

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
Zinc oxide	1314-13-2
Aluminum	7429-90-5
Chromium	7440-47-3
Nickel	7440-02-0

SARA 311/312 Hazard Categories

Classification is shown in section 2 of this SDS

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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 >=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

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Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision date 23-Apr-2020

Revision note SDS sections updated, 1, 2, 11, 12, 14, 15.

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