



# Safety Data Sheet

**BNRG**  
**Never-Seez Regular Grade Compound Series**

**Revision Date** 05-Jul-2016  
**Supersedes Date:** No information available  
**Version** 1.01

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** Never-Seez Regular Grade Compound Series  
**Product Code** BNRG  
**Product(s) Covered** See section 16 for more information

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended use** Lubricants, greases, release products.  
**Uses Advised Against** No information available

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Company Name

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  
Email: msds@bostik-us.com

### 1.4. Emergency Telephone Number

**Emergency Telephone** Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

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

### 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

#### **Precautionary Statements - Prevention**

Not applicable

#### **Precautionary Statements - Response**

Not applicable

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## **Precautionary Statements - Storage**

Not applicable

## **Precautionary Statements - Disposal**

Not applicable

## **Hazards Not Otherwise Classified (HNOC)**

Not applicable

## **Unknown Toxicity**

0% 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**

This product is a mixture. Health hazard information is based on its components.

### **3.2 Mixtures**

<b>Chemical Name</b>	<b>CAS No</b>	<b>Weight-%</b>
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

*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**

<b>General Advice</b>	If medical advice is needed, have product container or label at hand.
<b>Eye contact</b>	In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
<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. If skin irritation occurs: Get medical advice/ attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
<b>Self-protection of the First Aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

### **4.2. Most Important Symptoms and Effects, Both Acute and Delayed**

**Symptoms** No information available.

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## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to physicians** 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**

Dry chemical, CO<sub>2</sub>, water spray or regular foam. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal.

#### **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**

Some may burn but none ignite readily.

#### **Explosion Data**

<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.

### 5.3. Advice for Firefighters

#### **Protective Equipment and Precautions for Firefighters**

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** Do not touch or walk through spilled material. Stop leak if you can do it without risk.

### 6.2. Environmental Precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas.

### 6.3. Methods and Material for Containment and Cleaning up

**Methods for Containment** Prevent dust cloud.

**Methods for Cleaning up** Use personal protective equipment as required. Take up with sand or other non-combustible absorbent material and place into containers for later 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

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## 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. Ensure adequate ventilation, especially in confined areas.

### 7.2. Conditions for Safe Storage, including any Incompatibilities

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

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

### 7.3. Specific End Use(s)

**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 7782-42-5	TWA: 2 mg/m <sup>3</sup> respirable fraction all forms except graphite fibers	IDLH: 1250 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup> natural respirable dust	TWA: 15 mg/m <sup>3</sup> total dust synthetic TWA: 5 mg/m <sup>3</sup> respirable fraction synthetic TWA: 15 mppcf natural	TWA: 2 mg/m <sup>3</sup>
Copper 7440-50-8	TWA: 0.2 mg/m <sup>3</sup> fume TWA: 1 mg/m <sup>3</sup> Cu dust and mist	IDLH: 100 mg/m <sup>3</sup> dust, fume and mist IDLH: 100 mg/m <sup>3</sup> Cu dust and mist TWA: 1 mg/m <sup>3</sup> dust and mist TWA: 0.1 mg/m <sup>3</sup> fume TWA: 1 mg/m <sup>3</sup> Cu dust and mist	TWA: 0.1 mg/m <sup>3</sup> fume TWA: 1 mg/m <sup>3</sup> dust and mist	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>
Zinc oxide 1314-13-2	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	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>
Aluminum 7429-90-5	TWA: 1 mg/m <sup>3</sup> respirable fraction	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
Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup>	-	TWA: 1.6 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Copper 7440-50-8	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	-	TWA: 0.16 mg/m <sup>3</sup> TWA: 0.8 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup> TWA: 1 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 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>
Aluminum	TWA: 10 mg/m <sup>3</sup> TWA: 5	-	TWA: 8 mg/m <sup>3</sup> TWA: 4	TWA: 10 mg/m <sup>3</sup>

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7429-90-5	mg/m <sup>3</sup>		mg/m <sup>3</sup>	
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## 8.2. Exposure Controls

**Engineering Controls**                      Showers  
                                                          Eyewash stations  
                                                          Ventilation systems.

### **Personal protective equipment [PPE]**

**Eye/Face Protection**                      Wear safety glasses with side shields (or 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** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State**                                Solid  
**Appearance**                                 Paste  
**Color**                                            Grey  
**Odor**                                             Petroleum  
**Odor Threshold**                              No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting Point/Freezing Point</b>	No information available	
<b>Boiling Point</b>	No information available	
<b>Flash Point</b>	246.1 °C / 475 °F	
<b>Evaporation Rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper Flammability Limit</b>	No information available	
<b>Lower Flammability Limit</b>	No information available	
<b>Vapor Pressure</b>	No information available	
<b>Vapor Density</b>	No information available	
<b>Specific Gravity</b>	No information available	
<b>Water Solubility</b>	No information available	
<b>Solubility in Other Solvents</b>		
<b>Partition Coefficient</b>	No information available	
<b>Autoignition Temperature</b>	No information available	
<b>Decomposition Temperature</b>	No information available	
<b>Kinematic Viscosity</b>	No information available	
<b>Dynamic Viscosity</b>	No information available	
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

### 9.2. Other Information

**Softening Point**                              No information available  
**Molecular Weight**                          No information available  
**Solvent Content (%)**                         No information available  
**Solid Content (%)**                            100.0

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

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>	No Data Available.
<b>Ingestion</b>	No Data Available.

### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )	-	-

### 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>	No information available.
<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.

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<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	May cause adverse liver effects.
<b>Target Organ Effects</b>	Central Vascular System (CVS), Eyes, Kidney, Liver, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%.

## Section 12: ECOLOGICAL INFORMATION

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

### 12.1. Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Copper 7440-50-8	EC50 72 h 0.0426 - 0.0535 mg/L (Pseudokirchneriella subcapitata) EC50 96 h 0.031 - 0.054 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h 0.0068 - 0.0156 mg/L (Pimephales promelas ) LC50 96 h = 0.2 mg/L (Pimephales promelas flow-through) LC50 96 h = 0.052 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h = 1.25 mg/L (Lepomis macrochirus static) LC50 96 h = 0.3 mg/L (Cyprinus carpio semi-static) LC50 96 h < 0.3 mg/L (Pimephales promelas static) LC50 96 h = 0.8 mg/L (Cyprinus carpio static) LC50 96 h = 0.112 mg/L (Poecilia reticulata flow-through)		EC50 48 h = 0.03 mg/L (Daphnia magna Static)
Zinc oxide 1314-13-2		LC50 (96h) =0.7 mg/L Fish (Danio rerio)		

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5 Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

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## 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: TRANSPORTATION INFORMATION

**Note:** 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 substances, solid, n.o.s  
**Hazard Class** 9  
**Packing Group** III  
**Special Provisions** TP33, T1, IB8, IP3, N20, 146, A112, 335, 8, B54  
**Marine Pollutant** This product contains a chemical which is listed as a severe marine pollutant according to DOT.  
**Description** UN3077 Environmentally hazardous substances, solid, n.o.s. (Copper, Zinc oxide), 9, III  
**Emergency Response Guide Number** 171

### IATA

**UN/ID No** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Hazard Class** 9  
**Packing Group** III  
**ERG Code** 9L  
**Special Provisions** A158, A179, A97  
**Description** UN3077 Environmentally hazardous substance, solid, n.o.s. (Copper, Zinc oxide), 9, III

### IMDG

**UN/ID No** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Hazard Class** 9  
**Packing Group** III  
**EmS-No** F-A, S-F  
**Special Provisions** 274, 335  
**Description** UN3077 Environmentally hazardous substance, solid, n.o.s. (Copper, Zinc oxide), 9, III

## 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.



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## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

**WHMIS Hazard Class**  
Non-controlled

## 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
Copper	7440-50-8
Zinc oxide	1314-13-2
Aluminum	7429-90-5

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

### California Proposition 65

This product does not contain one or more substances listed on Proposition 65 at or above 0.01 wt. %.

## 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.

### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

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**

**Product(s) Covered**

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BNRG1-BTC12	N/SEEZ REG GRADE BTC1LB/C12
BNRG1-CTGC12	N/SEEZ REG GRADE Ct1LB/C12
BNRG1-FTC12	N/SEEZ REG GRADE C1LB/C12
BNRG130K1	N/SEEZ REG GRADE FD130LB
BNRG425D1	N/SEEZ REG GRADE MD425LB
BNRG42PS1	N/SEEZ REG GRADE MP42LB/P40
BNRG4TC24	N/SEEZ REG GRADE T4OZ/C24
BNRG8-FTC4	N/SEEZ REG GRADE C8LB(1GL)/C4
BNRG8BTC12	N/SEEZ REG GRADE BTC8OZ/C12
BNRGETC100	N/SEEZ REGGRADE Ppt7.5ML/C100

**HMIS**                      **Health Hazards** 1                      **Flammability** 1                      **Physical Hazards** 0                      **Personal Protection** X

**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**                                              05-Jul-2016

**Revision Note**                                              Not applicable.

**Training Advice**                                              No information available

**Additional 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 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**