Safety Data Sheet

BNRG
Never-Seez Regular Grade Compound Series

Revision Date 23-Oct-2014
Supersedes Date: No information available
Version 1

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

BNRG1-BTC12	REG GRADE 12/1#BT NSBT16
BNRG1-CTGC12	REG GRADE 12/1# CTG NSC1
BNRG1-FTC12	REG GRADE 12/1#FT NS160
BNRG130K1	REG GRADE 130#K NS130B
BNRG425D1	REG GRADE 425#D NS425B
BNRG42PS1	REG GRADE 42#PS NS42B
BNRG4TC24	REG GRADE 24/4OZ TUBE NSB4
BNRG8-FTC4	REG GRADE 4/8#FT NS168
BNRG8BTC12	REG GRADE 12/8OZ BT NSBT8
BNRGETC100	REG GRADE 100/7.5GR PIPETTES

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

Recommended Use No information available.
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: Hazards 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 - Storage
Not Applicable

Precautionary Statements - Disposal
Not Applicable

Hazards Not Otherwise Classified (HNOC)
Not Applicable

Unknown Toxicity
3.11% of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

Very toxic to aquatic life with long lasting effects
Very toxic to aquatic life

SECTION 3: Composition/Information on Ingredients

3.1 Substances
Not Applicable

Mixtures

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

*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 Call 911 or emergency medical service. Remove and isolate contaminated clothing and shoes.

Eye Contact In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

Skin Contact Wash skin with soap and water.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Self-protection of the First Aider 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.

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: Toxicological Information

SECTION 5: Fire Fighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media
Dry chemical, CO2, water spray or regular foam. Water spray, fog 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. Those substances designated with a "P" may polymerize explosively when heated or involved in a fire. Some may be transported hot.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	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 Cover liquid spill with sand, earth or other non-combustible absorbent material. With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading.

6.4. References to Other Sections

Reference to Other Sections SECTION 8: Exposure Controls/Personal Protection
SECTION 7: Handling and Storage
SECTION 13: Disposal Considerations

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Advice on Safe Handling Use personal protective equipment as required. 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/m³ respirable fraction all forms except graphite fibers	IDLH: 1250 mg/m³ TWA: 2.5 mg/m³ natural respirable dust	TWA: 15 mg/m³ total dust synthetic TWA: 5 mg/m³ respirable fraction synthetic TWA: 15 mppcf natural	TWA: 2 mg/m³
Copper 7440-50-8	TWA: 0.2 mg/m³ fume TWA: 1 mg/m³ Cu dust and mist	IDLH: 100 mg/m³ dust, fume and mist IDLH: 100 mg/m³ Cu dust and mist TWA: 1 mg/m³ dust and mist TWA: 0.1 mg/m³ fume TWA: 1 mg/m³ Cu dust and mist	TWA: 0.1 mg/m³ fume TWA: 1 mg/m³ dust and mist	TWA: 0.2 mg/m³ TWA: 1 mg/m³ STEL: 2 mg/m³
Zinc oxide 1314-13-2	STEL: 10 mg/m³ respirable fraction TWA: 2 mg/m³ respirable fraction	IDLH: 500 mg/m³ Ceiling: 15 mg/m³ dust TWA: 5 mg/m³ dust and fume STEL: 10 mg/m³ fume	TWA: 5 mg/m³ fume TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction	TWA: 5 mg/m³ TWA: 10 mg/m³ STEL: 10 mg/m³
Aluminum 7429-90-5	TWA: 1 mg/m³ respirable fraction	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust TWA: 5 mg/m³ Al	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction	TWA: 10 mg/m³ TWA: 5 mg/m³

Chemical Name	Argentina	Brazil	Chile	Venezuela
Graphite 7782-42-5	TWA: 2 mg/m³	-	TWA: 1.6 mg/m³	TWA: 2 mg/m³
Copper 7440-50-8	TWA: 0.2 mg/m³ TWA: 1 mg/m³	-	TWA: 0.16 mg/m³ TWA: 0.8 mg/m³	TWA: 0.2 mg/m³ TWA: 1 mg/m³
Zinc oxide	TWA: 5 mg/m³	-	TWA: 4 mg/m³	STEL: 10 mg/m³

1314-13-2	TWA: 10 mg/m³ STEL: 10 mg/m³			TWA: 2 mg/m³ TWA: 10 mg/m³
Aluminum 7429-90-5	TWA: 10 mg/m³ TWA: 5 mg/m³	-	TWA: 8 mg/m³ TWA: 4 mg/m³	TWA: 10 mg/m³

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

Property	**Values**	**Remarks • Method**
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	No information available	
Flash Point	246.1 °C / 475 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper Flammability Limits	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	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
Density	1.190 g/cm3
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: Toxicological Information

11.1. Information on Toxicological Effects

Product Information	No data available
Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

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

Symptoms	No information available.
Skin Corrosion/Irritation	No information available.
Serious Eye Damage/Eye Irritation	No information available.
Irritation	No information available.
Corrosivity	No information available.
Sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Reproductive Toxicity	No information available.
Developmental Toxicity	No information available.
Teratogenicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Chronic Toxicity	May cause adverse liver effects.
Target Organ Effects	Central Vascular System (CVS), Eyes, Kidney, Liver, Respiratory system, Skin.
Aspiration Hazard	No information available.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP.

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 < 0.3 mg/L (Pimephales promelas static) 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 = 0.8 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. Results of PBT and vPvB Assessment

No information available.

12.6. 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: 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

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.

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

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

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 a substance(s) on the SVHC as proposed by ECHA above a concentration of 0.1 wt. %

SECTION 16: Other Information

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	23-Oct-2014
Revision Note	Not Applicable.
Training Advice	No information available
Further Information	No information available

Disclaimer
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End of Safety Data Sheet