EXHIBIT 13

Material Safety Data Sheet, Spectrum Chemical Mfg. Corp., Gardena, CA





SAFETY DATA SHEET

Preparation Date: 04/15/2015

Revision Date: 12/01/2016

Revision Number: G3

1. IDENTIFICATION Product identifier **BE125** Product code: BENTONITE, POWDER, NF **Product Name:** Other means of identification No information available Synonyms: 1302-78-9 CAS #: CT9450000 **RTECS** # Not available **CI#:** Recommended use of the chemical and restrictions on use No information available. **Recommended use:** No information available Uses advised against Spectrum Chemical Mfg. Corp Supplier: 14422 South San Pedro St. Gardena, CA 90248 (310) 516-8000. https://www.spectrumchemical.com Order Online At: Chemtrec 1-800-424-9300 Emergency telephone number Martin LaBenz (West Coast) Contact Person: Ibad Tirmiz (East Coast) Contact Person:

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Consistences	Category 1B
Carcinogenicity Specific target organ toxicity (repeated exposure)	Category 1
Specific target organ toxicity (repeated exposure)	

Label elements

Danger

Hazard statements May cause cancer Causes damage to organs through prolonged or repeated exposure



Hazards not otherwise classified (HNOC) Not Applicable

Other hazards Not available

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage Store locked up

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Bentonite	1302-78-9	90
Quartz (Crystalline Silica)	14808-60-7	10

4. FIRST AID MEASURES

First aid measures

General Advice:	National Capital Poison Center in the United States can provide assistance if y have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.	/ou
Skin Contact:	Wash off immediately with soap and plenty of water removing all contaminated clothing shoes. Get medical attention if irritation develops. Consult a physician if necessary.	and ;
Eye Contact:	Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptopersist, call a physician.	oms
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.	
Ingestion:	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.	
Most important symptoms and effe	ects, both acute and delayed	
Symptoms	May cause eye/skin/respiratory tract irritation. May cause coughing and shortness of	
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breath. Sneezing. May cause pulmonary edema. May cause silicosis.

Indication of any immediate medical attention and special treatment needed

Notes to Physician:

Treat symptomatically.

Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable Extinguishing Media:	The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire.
Unsuitable Extinguishing Media:	No information available.
Specific hazards arising from the chemical	
Hazardous Combustion Products:	No information available.
Specific hazards:	No information available.
Special Protective Actions for Firefighters	
Specific Methods:	No information available.
Special Protective Equipment for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, **Personal Precautions:** eyes and clothing. Avoid dust formation. Prevent further leakage or spillage if safe to do so. Prevent product from entering **Environmental precautions** drains. Methods and material for containment and cleaning up Stop leak if you can do it without risk. Cover with plastic sheet to prevent Methods for containment spreading. Sweep up and shovel into suitable containers for disposal. Clean contaminated Methods for cleaning up surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Keep away from incompatible materials.

Safe Handling Advice

Product code: BE125

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Do not breathe vapors/dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions:

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Hygroscopic.

Incompatible Materials:

Strong acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

Components	CAS-No. 1302-78-9	OSHA None	NIOSH	ACGIH None	AIHA WHEEL None
Bentonite Quartz (Crystalline Silica)	14808-60-7	50 μg/m ³ TWA (250)/(%SiO2 + 5) mppcf TWArespirable fraction (10)/(%SiO2 + 2) mg/m ³ TWArespirable fraction	0.05 mg/m³ TWA	0.025 mg/m³ TWA respirable particulate matter	None

Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Bentonite Quartz (Crystalline Silica)	1302-78-9 14808-60-7	None 0.025 mg/m³ TWA respirable particulate	None 0.025 mg/m³ TWA respirable	None 0.10 mg/m ³ TWA respirable Silica, crystalline	None 0.1 mg/m ³ TWAEV respirable dust

Australia and Mexico

	CAS-No.	Australia	Mexico
Components	1302-78-9	None	None
Bentonite		0.1 mg/m ³ TWA	0.1 mg/m ³ TWA
Quartz (Crystalline Silica)	14808-60-7	0.1 mg/m- rww	

Appropriate engineering controls

Engineering measures to reduce exposure:

Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection:

Goggles or Safety glasses with side-shields

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Skin and body protection:

Chemical resistant apron. Gloves. Long sleeved clothing.

Respiratory protection:

Hygiene measures:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Odor: Odorless.

Molecular/Formula weight: No information available

Flash Point Tested according to: Not available

Upper Explosion Limit (%): No information available

Boiling point/range(°C/°F): No information available

Specific gravity: 2.5-2.6

Evaporation rate: No information available

Odor threshold (ppm): No information available

Miscibility: No information available Appearance: Powder.

Taste Tasteless.

Flammability: No information available

Wear respirator with dust filter.

Autoignition Temperature (°C/°F): No information available

Melting point/range(°C/°F): No information available

Bulk density: No information available

pH: No information available

Vapor density: No information available

Partition coefficient (n-octanol/water): No information available

Solubility: Insoluble in acids Insoluble in cold water Insoluble in common organic solvents Insoluble in hot water In the presence of water, it forms a translucent and viscous suspension

10. STABILITY AND REACTIVITY

POWDER, NF

Reactivity Reactive with strong acids

Chemical stability	
Stability:	Hygroscopic. Stable at normal conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur
Conditions to avoid:	Exposure to moisture. Incompatible materials.
Incompatible Materials:	Strong acids
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Color: Beige. Light gray. Tan.

Formula: No information available

Flashpoint (°C/°F): No information available.

Lower Explosion Limit (%): No information available

Decomposition temperature(°C/°F): No information available

Density (g/cm3): No information available

Vapor pressure @ 20°C (kPa): No information available

VOC content (g/L): No information available

Viscosity: No information available Hazardous decomposition products:

No information available.

Other Information Corrosivity:

No information available

Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure: Ingestion. Inhalation.

Acute Toxicity

Component Information

Bentonite		
CAS-No.	1302-78-9	
LD50/oral/rat = > 5000 mg/kg		
LD50/oral/mouse = No inform	nation available	
LD50/dermal/rabbit = No info	ormation available	
LD50/dermal/rat = No informa		
LC50/inhalation/rat = No info		
LC50/inhalation/mouse = No	infomation available	
Other LD50 or LC50informati	ion = No information available	
Quartz (Crystalline Silica)		
CACNIC	14808-60-7	
LD50/oral/rat = 500 mg/kg Or	ral LD50 Rat (from EU Commission - EU Chemicals Bureau	i - particle size was
10-20 um		
LD50/oral/mouse = No inform		
LD50/dermal/rabbit = No info		
LD50/dermal/rat = No information		
LC50/inhalation/rat = No info		
LC50/inhalation/mouse = No	infomation available	
Other LD50 or LC50informat	ion = No information available	
Product Information		
LD50/oral/rat = VALUE- Acute Tox Oral = > 500	00 mg/kg	
LD50/oral/mouse =		
Value - Acute Tox Oral = No info	ormation available	
LD50/dermal/rabbit VALUE-Acute Tox Dermal = No	information available	
LD50/dermal/rat VALUE -Acute Tox Dermal = No	o information available	
LC50/inhalation/rat VALUE-Vapor = No information	available	
Product code: BE125	Product name: BENTONITE,	6/12
FIGURE COUC. DL 125	POWDER, NF	
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VALUE-Gas = No information available **VALUE-Dust/Mist** = No information available

LC50/Inhalation/mouse **VALUE-Vapor** = No information available VALUE - Gas = No information available VALUE - Dust/Mist = No information available Symptoms May cause skin irritation. Skin Contact: May cause eye irritation. Eye Contact: May cause respiratory tract irritation. Symptoms may include coughing and Inhalation sneezing. May cause dyspnea (difficulty breathing or shortness of breath). May cause delayed pulmonary edema. Ingestion Expected low hazard. No information available. Aspiration hazard Delayed and immediate effects as well as chronic effects from short and long-term exposure Inhalation: Prolonged or repeated inhalation may cause pneumoconiosis, Chronic Toxicity bronchospasm, asthma. Symptoms may include coughing, wheezing, shortness of breath, difficulty breathing, reduced lung function, repeated non-specific chest illness. This product contains a small amount of naturally occuring quartz (crystalline silica). Chronic inhalation of quartz (cyrstalline silica) can cause silicosis (a specific form of pneumoconiosis resulting from inhalation of crystalline silica), and may also affect blood, and the liver. Chronic inhalation of quartz (crystalline silica) may cause cancer. Risk of cancer depends upon duration and level of exposure. Sensitization: No information available. No information available Mutagenic Effects:

Carcinogenic effects:

May cause cancer based on animal test data,

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australla - Notiflable Carcinogenic Substances	Australla - Prohibited Carcinogenic Substances
Bentonite	1302-78-9	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Quartz (Crystalline Silica)	14808-60-7	Group 1 (Carcinogenic to Humans)- Monograph 100C [2012] Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources Monograph 68 [1997]	A2 Suspected Human Carcinogen	Known Human Carcinogen Silica, crystalline (respirable size)	Present	Not listed	Not listed

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity	No data is available
Reproductive Effects:	No information available
Developmental Effects:	No information available
Teratogenic Effects:	No information available

Specific Target Organ Toxicity

STOT - single exposure	No information available.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Target Organs:	Lungs. Respiratory system.

12. ECOLOGICAL INFORMATION

Ecotoxicity	
Ecotoxicity effects:	Aquatic environment.
Bentonite - 1302-78-9 Freshwater Fish Species Data:	8.0-19.0 g/L LC50 Salmo gairdneri 96 h 1 19000 mg/L LC50 Oncorhynchus mykiss 96 h static 1
Persistence and degradability:	No information available
Bioaccumulative potential:	No information available.
Mobility:	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:

Waste must be disposed of in accordance with Federal, State and Local regulation,

Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Serles Wastes
Bentonite	1302-78-9	None	None	None	None
Quartz (Crystalline Silica)	14808-60-7	None	None	None	None

14. TRANSPORT INFORMATION

DOT

UN-No: Proper Shipping Name: Hazard Class: Subsidiary Class Packing group: Not Regulated No information available No information available No information available No information available

Product code: BE125

Emergency Response Guide No information available Number No data available Marine Pollutant No information available DOT RQ (lbs): No Information available **Special Provisions**

Symbol(s): **Description:**

TDG (Canada)

UN-No: **Proper Shipping Name:** Hazard Class: Subsidiary Risk: Packing Group: **Marine Pollutant Description:**

ADR

UN-No: **Proper Shipping Name:** Hazard Class: Packing Group: **Subsidiary Risk:**

IMO / IMDG

UN-No:
Proper Shipping Name:
Hazard Class:
Subsidiary Risk:
Packing Group:
Marine Pollutant

RID

UN-No: **Proper Shipping Name:** Hazard Class: **Subsidiary Risk:** Packing Group:

ICAO

UN-No: **Proper Shipping Name: Hazard Class:** Subsidiary Risk: Packing Group:

IATA

UN-No: **Proper Shipping Name: Hazard Class: Subsidiary Risk: Packing Group: ERG Code: Special Provisions**

No information available No information available

Not Regulated No information available No information available

Not Regulated No information available No information available No information available No information available

Not Regulated No information available No information available No information available No information available

Not Regulated No information available No information available No information available No information available

No information available

Not Regulated No information available No information available No information available No information available

Not Regulated No information available No information available

15. REGULATORY INFORMATION

International Inventories

Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australla (AICS)	EINECS-No.
Bentonite	1302-78-9	Present	Present KE-02119	Present	Not present	Present	Present	Present 215-108-5
Quartz (Crystalline Silica)	14808-60-7	Present	Present KE-29983	Present	Present (1)-548	Present	Present	Present 238-878-4

U.S. Regulations

Bentonite

FDA - Food Additives Generally Recognized as Safe (GRAS): 21 CFR 184.1155 FDA - 21 CFR - Total Food Additives 175.105 175.300 176.170 178.3297 184.1155 Quartz (Crystalline Silica) Massachusetts RTK: Present New Jersey RTK Hazardous Substance List: 1660

Pennsylvania RTK: Present Minnesota - Hazardous Substance List: Present

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

Chemicals Known to the State of California to Cause Cancer:

WARNING: This product contains a chemical known to the State of California to cause cancer. (See table below)

Chemicals Known to the State of California to Cause Reproductive Toxicity: This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Bentonite	1302-78-9	Not Listed	Not Listed	Not Listed	Not Listed
Quartz (Crystalline Silica)	14808-60-7	carcinogen (listed as Silica, crystalline(airb orne particles of respirable size))	NOT EIGTOG	Not Listed	Not Listed

CERCLA/SARA

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Bentonite	1302-78-9	None	None	None	None	None
Quartz (Crystalline Silica)	14808-60-7	None	None	None	None	None

U.S. TSCA

CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	
1302-78-9	Not Applicable	Not Applicable
14808-60-7	Not Applicable	Not Applicable
	1302-78-9	With Significant New Use Rules (SNURS) 1302-78-9 Not Applicable

Canada

WHMIS hazard class: D2A Very toxic materials

Components Bentonite Quartz (Crystalline Sillca)

WHIMHAZ

D2A D2A In certain cases, this classification does not apply.

For more information, consult the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.

Canada Controlled Products Regulation:

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Components	WHMIS Ingredlent Disclosure List -
Quartz (Crystalline Silica)	1 %

Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)	
Bentonite	1302-78-9	Present	Not Listed	
Quartz (Crystalline Silica)	14808-60-7	Present	Not Listed	

Components	U.NO-NO.	CEPA Schedule i - Toxic Substances
Bentonite	1302-78-9	Not listed
Quartz (Crystalline Silica)	14808-60-7	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Bentonite	1302-78-9	Not listed
Quartz (Crystalline Silica)	14808-60-7	Not listed

EU Classification

R-phrase(s)

not determined (not applicable)

S -phrase(s)

none

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Bentonite	1302-78-9		No information	
Quartz (Crystalline Silica)	14808-60-7		No information	

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger: None.

16. OTHER INFORMATION

Preparation Date: Revision Date: Prepared by:	04/15/2015 12/01/2016 Sonia Owen	
Disclaimer:	All chemicals may pose unknown hazards and should be used with caution. The Safety Data Sheet (SDS) applies only to the material as packaged. If this provise combined with other materials, deteriorates, or becomes contaminated, it is pose hazards not mentioned in this SDS. The physical properties reported in SDS are obtained from the literature and do not constitute product specification Information contained herein does not constitute a warranty, whether express implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall	duct nay this ons. sed or ar
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the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet

Product code: BE125