



# BLUE MONSTER POWDER

## Safety Data Sheet

Revision Date: 1/4/2021

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product Identifier

Trade Name BLUE MONSTER POWDER  
Product Form Powder  
Product Code 10-10007-P25

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of Product Alkaline Powder Concentrate

#### 1.3 Details of the Supplier of the safety data sheet

ChemQuest Inc.  
21365 Hamburg Ave.  
Lakeville, MN 55024  
(877)437-3478  
infocq@chemquestinc.com

#### 1.4 Emergency telephone number

Emergency Number ChemTrec 1-800-424-9300

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance

##### Classification

<u>Hazard Code</u>	<u>Hazard Class</u>	<u>Hazard Category</u>
H302	Acute toxicity, oral	4
H314	Skin corrosion/irritation	1B
H332	Acute toxicity, inhalation	4
H335	Specific target organ toxicity, single exposure (Respiratory Tract Irritation)	3

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFEETY PRACTICES

#### 2.2 Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



Signal Word (GHS-US): **Danger**

##### Hazard Statements (GHS-US):

H302: Harmful if swallowed  
H314: Causes severe skin burns and eye damage  
H332: Harmful if inhaled  
H335: May cause respiratory irritation

##### Precautionary Statements (GHS-US):

P260: Do not breathe dust/fumes/gas/mist/vapors/spray  
P264: Wash thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P271: Use only outdoors or in a well-ventilated area  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P310: Immediately call a POISON CENTER or doctor/physician  
P321: Specific treatment (see section 4)  
P363: Wash contaminated clothing before reuse

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P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P403+P233: Store in a well ventilated place. Keep container tightly closed

P405: Store locked up

P501: Dispose of contents/container in accordance with local, state and federal authorities.

### 2.3 Other Hazards

No additional information available

### 2.4 Unknown acute toxicity (GHS-US)

No Data Available

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substance

Not applicable

### 3.2 Mixture

<u>Ingredient Name</u>	<u>CAS #</u>	<u>Composition</u>
Sodium Hydroxide	1310-73-2	25-50%
Silicic acid, disodium salt: Sodium metasilicate pentahydrate	6834-92-0	25-50%
Water	7732-18-5	15-25%
Tetrasodium EDTA	64-02-8	15-25%

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

First-Aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-Aid after inhalation	IF INHALED. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Use artificial respiration and oxygen if needed. If irritation persists, seek medical attention.
First-Aid after skin contact	IF ON SKIN. IF ON SKIN (or hair). Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. Immediately rinse with plenty of water (for at least 15 minutes).
First-Aid after eye contact	IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If irritation persists, seek medical attention.
First-Aid after ingestion	IF SWALLOWED. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call physician immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries	Harmful if swallowed. Causes severe skin burns and eye damage. Harmful if inhaled. May cause respiratory irritation.
Symptoms/injuries after inhalation	Harmful if inhaled. May cause respiratory irritation.
Symptoms/injuries after skin contact	Causes severe skin burns and eye damage.
Symptoms/injuries after eye contact	Causes severe skin burns and eye damage.
Symptoms/injuries after ingestion	Harmful if swallowed.
Chronic symptoms	No data available.

### 4.3 Indication of immediate medical attention and special treatment needed

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No additional information available

### SECTION 5: Firefighting Measures

#### 5.1 Extinguishing media

Suitable Extinguishing Media Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray.

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

Fire Hazard The product is not flammable.

Explosion Hazard The product is not explosive.

Reactivity Aqueous solutions will react with soft metals such as aluminum, zinc, tin and their alloys - evolving hydrogen gas which can form an explosive mixture with air.

#### 5.3 Special hazards arising from the substance or mixture

Firefighting instructions Do not dispose of fire-fighting water in the environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

General measures Ventilate area. Avoid breathing dust. Avoid generation of dust. Spill should be handled by trained clean-up crews. For personal protection see Section 8.

##### 6.1.1 For non-emergency personnel

Protective equipment Wear Protective equipment as described in Section 8.

Emergency procedures Contain the spill. Do not let product enter drains. Remove unnecessary personnel.

##### 6.1.2 For emergency responders

Protective equipment Wear Protective equipment as described in Section 8.

#### 6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3 Methods and material for containment and cleaning up

For containment Prevent entry to sewers and public waters. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up Sweep up and shovel into approved containers. Avoid generation of dust. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

#### 6.4 reference to other sections

No additional information available.

### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

Precautions for safe handling Do not handle until all safety precautions have been read and understood. Wear proper safety equipment including chemically resistant gloves and safety glasses or goggles. The dust associated with the use of this product is corrosive to the respiratory system. Use in a well ventilated area and use NIOSH approved equipment for nuisance dust when airborne exposure is excessive. Wash thoroughly after handling. Do not breathe dusts. Do not get in eyes or on skin. Do not swallow. Keep separate from incompatible materials.

#### 7.2 Conditions for safe storage, including and incompatibilities

Storage conditions Store locked up. Store in approved containers only. Keep container in a cool, well ventilated place away from heat sources and incompatible materials (See Section 10.5). Keep container tightly closed.

#### 7.3 Specific end uses

No additional information

### SECTION 8: Exposure Controls/Personal Protection

#### 8.1 control parameters

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No OSHA and ACGIH PEL's or TLV's for the listed ingredients of this product unless listed stated below:

Sodium hydroxide, CAS # 1310-73-2			
OSHA PEL (TWA)	OSHA PEL (STEL)	OSHA PEL (Ceiling)	ACGIH-TLV
2 mg/m3	Not Established	Not Established	2 mg/m3 (Ceiling)

### 8.2 Exposure Controls

Personal protective equipment	Protective safety glasses or goggles. Chemically resistant gloves. Protective clothing. Possibly a face shield and or respiratory protection of the dependent type.
Hand protection	Chemical resistant gloves.
Eye protection	Use chemical resistant safety glasses or goggles. A face shield should be worn when the possibility exists for eye or face contact due to spraying liquid or airborne particles.
Skin and body protection	Wear long sleeves. Wear suitable protective clothing. Possibly a face shield.
Respiratory protection	Where excessive vapor, mist, or dust may result, use approved respiratory protection equipment.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance	Powder
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data Available
Relative Evaporation rate (butyl	No data Available
Melting point	No data Available
Freezing point	No data Available
Boiling point	No data Available
Flash point	No Data Available
Self ignition point	No data Available
Decomposition temperature	No data Available
Flammability (solid, gas)	No data Available
Vapor pressure	No data Available
Relative vapor density at 20° C	No data Available
Relative Density	No Data Available
Solubility	Water soluble
Log Pow	No data Available
Log Kow	No data Available
Viscosity: Kinematic	No data Available
Viscosity: dynamic	No data Available
Explosive properties	No data Available
Oxidizing properties	No data Available
Explosive Limits	No data Available

### 9.2 Exposure Controls

No additional information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Aqueous solutions will react with soft metals such as aluminum, zinc, tin and their alloys - evolving hydrogen gas which can form an explosive mixture with air.

### 10.2 Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3 Possibility of hazardous reactions

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Corrosive when aqueous solutions contact with metals. Contact with metallic substances may release flammable hydrogen gas. Contact with strong acids can create excess heat and cause spattering.

### 10.4 Conditions to avoid

This product is hygroscopic (absorbs moisture) - exposure to moisture will cause caking and clumping. Keep container closed until ready to use.

### 10.5 Incompatible Materials

Avoid contact with: tin, zinc, water, sugar, metals, aluminum, oxidizers, food sugars, strong acids, strong alkalis, strong oxidizers, and organic materials

### 10.6 Hazardous decomposition products

Thermal decomposition can result in: ammonia, hydrogen, carbon oxides, and nitrogen oxides

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Oral LD50: 1902 mg/kg (rat) Calculated

Dermal LD50: > 2000 mg/kg (rabbit) Calculated

Inhalation LD50: 4.08 mg/l (Dust/mist (Rat)) Calculated

Skin Corrosion/irritation Causes severe skin burns and eye damage

Serious eye damage/irritation Causes severe skin burns and eye damage

Respiratory or skin sensitization Not Classified

Germ cell mutagenicity Not Classified

Carcinogenicity Not Classified

Reproductive toxicity Not Classified

Specific organ toxicity single exposure Not Classified

Specific organ toxicity repeated exposure Not Classified

Aspiration hazard Not Classified

Symptoms/injuries after inhalation See Section 4

Symptoms/injuries after skin contact See Section 4

Symptoms/injuries after eye contact See Section 4

Symptoms/injuries after ingestion See Section 4

Chronic symptoms Not Classified

## SECTION 12: Ecological information

### 12.1 Toxicity

No Data

### 12.2 Persistence and degradability

No Data

### 12.3 Bioaccumulative potential

No Data

### 12.4 Mobility in soil

No Data

### 12.5 Other adverse effect

No Data

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment methods

Waste treatment methods Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without NPDES permit.

Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released to the environment.

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### SECTION 14: Transportation information

#### 14.1 UN number, proper shipping name, class and packaging groups.

##### Domestic Ground Non-Bulk Shipments

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (DISODIUM TRIOXOSILICATE PENTAHYDRATE/SODIUM HYDROXIDE) 8, II

#### 14.2 Additional information

Not available

### SECTION 15: Regulatory Information

#### 15.1 Federal regulations

**TSCA Inventory:** The components of this product are listed.

**SARA 311/312 Hazard category (40 CFR 370.2):** Acute and chronic health hazard.

**SARA 313 Toxic Release Reporting (40CFR Part 372):** No listed substance known over 1.0% or over 0.1% that are carcinogenic.

**SARA 302 EHS Emergency Planning (40CFR Part 355):** No listed substance known over 1.0% or over 0.1% that are carcinogenic.

**SARA 304 EHS Emergency Planning (40CFR Part 355):** No listed substance known over 1.0% or over 0.1% that are carcinogenic.

**CERCLA Section 102-103 HS Released Reporting (40 CFR part 302-102a):** Sodium Hydroxide, CAS# 1310-73-2, RQ 1,000 lbs.

#### 15.2.1 International regulations

No Data

#### 15.2.2 National regulations

No Data

#### 15.3 State Regulations

##### California Prop. 65

No known listed substances

##### New Jersey Right to Know

Approximate quantities by weight

- SODIUM HYDROXIDE/ CAS# 1310-73-2/ 25-50% by wt.

### SECTION 16: Other Information

Other information	None
NFPA	
NFPA Health Hazard	3
NFPA Fire Hazard	0
NFPA Reactivity	1
HMIS	
Health	3
Flammability	0
Physical	1
Personal Protection	X

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