

# Safety Data Sheet

## 1. Identification

Name of the product: **Humidity Sponge** SDS Code: CC HS 3150  
 Product Identification Number(s): 3150, 3151 Date prepared: March 10, 2015  
 Recommended use: Desiccant  
 Use not recommended: Any use involving ingestion or breathing dust.  
 Company: **Control Company**  
**12554 Old Galveston Rd, Suite B230** Telephone: 800-342-3577  
**Webster, TX 77598** Fax number: 580-327-3579  
 Product Information: 800-342-3577 CHEMTREC (Transportation): 1-800-424-9300

## 2. Hazards identification

GHS Classification in accordance with 29 CFR 1910

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Signal word: None (Hazards do not reach threshold required for least severe category.)

Pictogram: None (Hazards do not reach threshold required for least severe category.)

Hazard statements:

Not a hazardous substance or mixture.

Precautionary statements:

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

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.  
 Store in a dry place. Store in a closed container to preserve absorption ability.

**WHMIS (Canada):** CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

## 3. Composition / Information on ingredients

Chemical identity:	Bentonite colloidal clay	>99%
Common name:	Montmorillonite	
Numbers of identity:	CAS 1302-78-9	EC 215-108-5
Chemical identity:	Crystalline quartz	<1%
Common name:	Quartz	
Numbers of identity:	CAS 14808-60-7	EC 238-878-4

## 4. First-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of danger.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: Severe eye irritation.

Indication of any immediate medical attention and special treatment needed when necessary: No data.

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## 5. Firefighting measures

Suitable extinguishing media: Product is not flammable. Use media appropriate to main cause of fire.  
 Examples: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
 Special hazards arising from the substance or mixture: None known.  
 Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:  
 Wear respiratory protection. Avoid dust formation. Avoid breathing dust if developed.  
 Ensure adequate ventilation. Evacuate personnel to safe areas.  
 For personal protection see section 8.  
 Environmental precautions  
 Prevent more spillage if safe to do. Avoid discharge into drains and the environment.  
 Arrange pick up and disposal without creating dust. Sweep up or shovel.  
 Store in a suitable, closed container for disposal or reclaim.  
 For disposal see section 13.

## 7. Handling and storage

Handling:  
 Avoid contact with skin and eyes. Avoid formation of dust and aerosols.  
 Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.  
 Storage: Keep container tightly closed in a dry place.

## 8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any dust developed.

Exposure Limits:	CAS #	ACGIH	OSHA
Component Name			
Bentonite	1302-78-9	NE	NE
Crystalline quartz	14808-60-7	TLV 0.025 mg/m <sup>3</sup>	NE
Personal protective equipment :		NE= Not Established	

Respiratory protection: No requirement anticipated if area is not dusty ; face mask otherwise.  
 Hand protection: Rubber gloves as deemed necessary.  
 Eye protection: Safety glasses with side-shields as required.  
 Skin and body protection: Chemical resistant apron or protective suit if contact is likely  
 Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
 Wash hands and face before breaks and immediately after handling the product.

## 9. Physical and chemical properties

Appearance: Grey-tan powder  
 Odor: Nil  
 Odor threshold: Not available  
 pH-value: Not applicable  
 Melting point: Not available  
 Freezing Point: Not available  
 Initial boiling point: Not available  
 Flash point: Does not flash.  
 Evaporation rate: Not applicable

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Flammability (solid, gas): Not applicable  
 Explosion limits: Not explosive  
 Vapor pressure: (highest partial vapor pressure) at 20°C: Not available  
 Vapor density: Not available  
 Relative density (water=1.00): 2.4 g/cm<sup>3</sup>  
 Solubility in water: Nil  
 Partition coefficient: Log Kow = Not applicable to mixture.  
 Auto-ignition temperature: Not available  
 Decomposition temperature: Not available  
 Viscosity: Powder

### 10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.  
 Possibility of hazardous reactions: Contact with acids will generate hydrogen gas.  
 Conditions to avoid: No dangerous conditions known. Humidity will rust the product.  
 Materials to avoid: Reacts with all acids, organic and mineral.  
 Hazardous decomposition products: None are known. Also see Section 5.

### 11. Toxicological information

Acute Toxicity:

Test	Bentonite CAS 1302-78-9
Oral Toxicity LD 50 (Rats)	No data
Dermal Toxicity LD 50 (Rabbit)	No data
Inhalation Toxicity, Vapor, LC50	No data
Eye Irritation (Rabbit)	No data
Dermal Irritation (Rabbit)	No data
LD50 Intravenous - rat	35 mg/kg

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Liver:Tumors.

No component listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen is present in this product above 0.1%.

Signs and Symptoms of Exposure:

Material is irritating to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Symptoms include: skin or eye irritation.

### 12. Ecological information

**Bentonite**

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 19,000 mg/l -96 h

Persistence and degradability:

The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment:

PBT/ vPvB assessment not available because chemical safety assessment not required/not conducted.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### 13. Disposal considerations

Dispose in accordance with local, state and federal regulations.

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Dispose of contaminated packaging as unused product.  
Product as made has none of the characteristics of a "Hazardous Waste".

## 14. Transport information

DOT (US) Not dangerous goods  
IMDG Not dangerous goods  
IATA Not dangerous goods

## 15. Regulatory information

Inventory Status:

All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

### U.S. Regulations:

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES:

None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
None		

The following product components are cited on the lists below:

Chemical Name	CAS Number	Right to Know (RTK) List Citations
Bentonite	CAS 1302-78-9	PA, NJ
Crystalline quartz	CAS 14808-60-7	MA, PA, NJ

California Proposition 65

California Prop. 65 chemicals: This product contains chemicals known to State of California to cause cancer, birth defects, or other reproductive harm: Crystalline quartz CAS 14808-60-7

## 16. Other information

SDS Preparation date: March 10, 2015

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	No	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	No	XXX	XXX	SARA 302/311/312/313.
HMIS Hazard ratings: Health 2 Fire 0 Instability 0 Other B (Goggles, gloves)					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

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Note: The information in this SDS was obtained from current reputable and competent sources.

However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

This SDS contains all the information required for classification by the Canadian CPR.

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA). It is not applicable for consumer use of our products.