



# Q-Bio™ 5% Calcium Poly

## Safety Data Sheet

Prepared according to Federal register / Vol. 77, No. 58/ Monday, March 26th 2012 / Rules and Regulations

Revision date: 03/03/2023

Supersedes: N/A

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier

Product name : Q-Bio™ 5% Calcium Poly  
Product code : 8507  
Product form : Substance

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

Intended use : Substance  
Uses advised against : None identified

#### 1.3. Details of the supplier of the safety data sheet

QualiTech, Inc. Phone: 1-800-328-5870  
318 Lake Hazeltine Drive Web: qualitechco.com  
Chaska, MN 55318

#### 1.4. Emergency telephone number

Emergency number : Infotrac (800) 535-5053

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin Irritant 2 H315  
Eye Irritant 2 H319



#### 2.2. Label elements

##### GHS-US labeling

Hazard statement (GHS-US) : H315 Causes skin irritation  
H319 Causes serious eye irritation  
Signal word (GHS-US) : **Warning**  
Precautionary statements (GHS-US) : P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children  
P103 Read label before use  
P261 Avoid breathing dust/fume/ gas/mist/vapours/spray  
P264 Wash skin thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing  
+P338

None Indicated.

#### 2.3. Other Hazards

Other hazards not contributing to the classification : None under normal conditions

#### 2.4. Unknown acute toxicity (GHS-US) : No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Mixture

Not applicable

#### 3.2. Substance

Name	CAS #	%
Calcium Chloride	N/A	22
Polysaccharide	Not available	<10

Specific chemical identity (ies) and/or exact percentage(s) of composition may be withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. Supply oxygen if necessary
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs, get medical advice/attention
First-aid measures after eye contact	: IF IN EYES: Immediately flush with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Seek medical care.
First-aid measures after ingestion	: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell

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

Symptoms/injuries after inhalation	: Not available
Symptoms/injuries after skin contact	: Causes skin irritation
Symptoms/injuries after eye contact	: Causes eye irritation, may cause significant eye irritation
Symptoms/injuries after ingestion	: Causes digestive tract irritation

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

Call physician and Poison Control Center if adverse conditions appear

## SECTION 5: Firefighting measures

### 5.1. Extinguishing Media

Suitable extinguishing media	: Any media suitable for surrounding materials
Unsuitable extinguishing media	: Does not apply

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

Fire hazard	: The product is not flammable
Explosion hazard	: No data available
Reactivity	: No data available

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire
Protection during firefighting	: Do not enter area without proper protective equipment, including respiratory protection

## SECTION 6: Accidental release measures

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

General measures	: Restrict area and proceed with clean up using appropriate protective equipment. Dispose of material in accordance with all applicable municipal, state, and federal regulations
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#### 6.1.1 For non-emergency personnel

Protective equipment	: Safety glasses. Gloves. Dust mask
Emergency procedures	: Evacuate unnecessary personnel

#### 6.1.2 For emergency responders

Protective equipment	: Equip clean up crew with proper protection
Emergency procedures	: Rinse area down with water after cleanup.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment

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

For containment	: Use acid compatible boom to contain material
Methods for cleaning up	: Contain spill with acid compatible absorbent material and recover into drums. Rinse spill area with water

### 6.4. Reference to other sections

: See heading 8. Exposure controls and personal protection

## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** : Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work
- 7.2. Conditions for safe storage, including any incompatibilities**
- Storage conditions : Keep container tightly closed. Keep container in a cool, dry, well-ventilated area.  
Keep away from heat and direct sunlight
- Incompatible products : Strong alkali products may react
- Incompatible materials or conditions : No additional information available
- 7.3. Specific end use(s)**
- No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Calcium Carbonate	
NIOSH REL, TWA (mg/m <sup>3</sup> )	Not established
OSHA PEL, TWA (mg/m <sup>3</sup> )	Not established
NIOSH IDLH (mg/m <sup>3</sup> )	Not established
Polysaccharide	
NIOSH REL, TWA (mg/m <sup>3</sup> )	Not established
OSHA PEL, TWA (mg/m <sup>3</sup> )	Not established
NIOSH IDLH (mg/m <sup>3</sup> )	Not established

### 8.2. Exposure Controls

- Appropriate engineering controls : pH between 2-3, use caution. Emergency eye wash fountain and safety showers should be immediately available
- Personal protective equipment : Avoid physical exposure



- Hand protection : Wear chemically resistant gloves
- Eye protection : Chemical goggles or face shield + safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : Avoid breathing fumes
- Other information : Do not eat, drink, or smoke during use

## SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : Colored liquid
- Molecular mass : No data available
- Color : Light to dark brown
- Odor : Slight to none
- Odor Threshold : No data available
- pH : 6.0 - 7.0
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Auto-ignition temperature : 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
- Density : No data available
- Solubility : No data available
- 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

**SECTION 10: Stability and Reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

May react with bases or strong oxidizers

**10.4. Conditions to avoid**

Contact with bases or strong oxidizers

**10.5. Incompatible materials**

Strong bases or strong oxidizers

**10.6. Hazardous decomposition products**

No data available

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity : Not classified

Calcium Carbonate	No data available
Polysaccharide	No data available
0	0
0	0
0	0

Skin corrosion/irritation : Skin irritant (Category 2)

Serious eye damage/irritation : Eye irritant (Category 2)

Respirator or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : No additional information available

Symptoms/injuries after skin contact : Causes skin irritation

Symptoms/injuries after eye contact : Causes eye irritation

Symptoms/injuries after ingestion : Not classified

Likely routes of exposure : Skin and eye contact

Chronic symptoms : Not classified

**SECTION 12: Ecological information**

**12.1. Toxicity**

Ecology - general : No data available

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

**12.5. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste disposal recommendations : Dispose of product in accordance with all applicable laws and regulations.

Ecology - waste materials : Avoid release to the environment

SECTION 14: Transport information

In accordance with DOT  
Not a dangerous good in sense of transport regulations (US)

Additional information  
Other information : No supplementary information available.

Transport by sea  
No additional information available

Transport by air  
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available.

TSCA	No additional information available.
Section 302 (EHS) TPQ	No additional information available.
Section 304 (EHS) RQ	No additional information available.
CERCLA RQ	No additional information available.
Section 313	#REF!

Polysaccharide

TSCA	No additional information available.
Section 302 (EHS) TPQ	No additional information available.
Section 304 (EHS) RQ	No additional information available.
CERCLA RQ	No additional information available.
Section 313	No additional information available.

15.2. International regulations

Calcium Carbonate

Canada	No additional information available.
European Union	No additional information available.
Australia	No additional information available.
China	No additional information available.
Other	No additional information available.

Polysaccharide

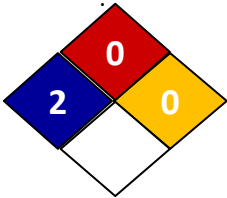
Canada	No additional information available.
European Union	No additional information available.
Australia	No additional information available.
China	No additional information available.
Other	No additional information available.

15.3. US State Regulations

No additional information available.

SECTION 16: Other information

Other information : None  
NFPA/HMIS :



Health	2
Fire	0
Reactivity	0
Personal Protection	E

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall QualiTech, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even is QualiTech, Inc. has been advised of the possibility of such damages.