



Safety Data Sheet

Better Chemistry. Better Business

AQUAPURE™ HQ

Revised: 4/26/21

1 IDENTIFICATION

Product Name: AQUAPURE™ HQ

Product Code :2601011

Recommended use of the chemical and restrictions on use:Industrial applications

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Signal Word: DANGER

Hazard Category: Skin Corrosion/Irritation Hazard Category 1C

Eye Damage/Irritation Hazard Category 2A

Corrosive to Metals Hazard Category 1

Sensitization Respiratory Hazard Category 1B

Sensitization-Skin Hazard Category 1B

Acute Toxicity-Oral Hazard Category 4

Hazard Statements: Causes severe skin burns and eye damage.

Causes serious eye irritation.

May be corrosive to metals.

Harmful if swallowed.

May cause an allergic skin reaction.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Prevention: Wash skin thoroughly after handling.

Wear rubber gloves, goggles and chemical protective clothing.

Keep only in original container.

Do not breathe dust, fumes, gas, mist, vapors or spray.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

In case of inadequate ventilation wear respiratory protection.

Response: If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

If in eyes: Wash cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Specific treatment - refer to poison center or doctor for advice.

If skin irritation or rash occurs, get medical advice/attention.

If experiencing respiratory symptoms: Call a poison center/doctor/

Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage.

Storage: Store locked up.

Store in corrosive resistant high density polyethylene container.

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

Components with Unknown Acute Toxicity Dermal=38.4% Inhalation = 38.4%

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Sodium Bisulfite	Sodium Hydrogen Sulfite	7631-90-5	<45%

4 FIRST AID

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

After Eye Contact:

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

After Ingestion:

If swallowed: Rinse mouth. Do NOT induce vomiting.

Most Important Symptoms/Effects

Eye:

Irritation of eyes and skin.

Skin:

This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation(dermatitis).

Indication of immediate medical attention:

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:

Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

Specific hazards arising from the chemical: Carbon oxides may be produced.

Special protective equipment and precautions for firefighter Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment & cleaning up: Stop spill at source.

Caution: Spilled material may be slippery.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal.

7 HANDLING AND STORAGE

Precautions for safe handling: Wash hands thoroughly after handling.

Wear rubber gloves, goggles and chemical protective clothing.

Eating, drinking and smoking in the work area is prohibited.

Conditions for safe storage, inc any incompatibilities: Do not allow material to freeze.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sodium Bisulfite	ACGIH	5 mg/m3	-

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Protective Gloves: Rubber gloves

Eye Protection: Wear chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow Liquid

Odor: Sulfide odor(rotten eggs)

Odor Threshold: N/A

PH: 4-7

Melting Point/Freezing Point: 41 °F

Initial Boiling Point and Boiling Range: N/A

Flash Point: None

Evaporation Rate: N/A

Flammability (solid, gas): Non flammable

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Vapor Density:	N/A
Relative Density:	1.30 @ 25 °C
Solubility (ies):	Complete in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

10 STABILITY AND REACTIVITY

Reactivity:	Hazardous Polymerization will not occur.
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Incompatible Materials:	Avoid contact with strong oxidizers and strong acids .
Hazardous Decomposition Products:	Yields Sulfur Dioxide gas which is toxic and corrosive .

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Sodium Bisulfite-LD50(Rat)-1420mg/kg
Dermal administration:	Not established for this product
Immediate effects:	Irritation/ burns of skin and eyes.
Cancer Hazard:	Sodium Bisulfite-IARC Group 3-Not classifiable as to its carcinogenicity to humans
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Persistence and Degradability:	Not Available
Biotic degradability:	No data available
Bioaccumulation potential:	Unlikely
Water result:	Disperses in water.
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations.

14 TRANSPORT INFORMATION

UN Number:	2693
UN Proper Shipping Name:	BISULFITES, AQUEOUS SOLUTIONS, N.O.S.,
Transport Hazard Class (es):	8
Packing Group:	III
ERG:	154

15 REGULATORY INFORMATION

HMIS: Health: 2 Flammability: 0 Reactivity: 0

Sara Hazard Classification	The chemicals in this product are not subject to SARA Title III , Section 313 Reporting Requirements.
Proposition 65	No Proposition 65 listed components in this formula

**TSCA Inventory
Status**

All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

16 OTHER INFORMATION

Disclaimer:

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.