

Safety Data Sheet

Better Chemistry. Better Business

AQUAPURE™ CPS

5/20/21

Product Name: AQUAPURE™ CPS

Product Code :2601116

Recommended use of the chemical and restrictions on use:Industrial Wastewater Treatment



Signal Word:
Hazard Category:

Hazard Statements:

Prevention:

Response:

Storage:

Disposal:

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Calcium Polysulfide	-	1344-83-6	26-32%

After Inhalation:

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

After Skin Contact:

Take off immediately all contaminated clothing. Wash off IMMEDIATELY with plenty of water for at least 15-20 minutes. Get medical attention immediately! Wash clothing separately before reuse. Destroy or thoroughly clean all contaminated shoes.

After Eye Contact:

Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Call a physician or poison control center immediately.

After Ingestion:

If swallowed: Rinse mouth. Call a doctor.

Most Important Symptoms/Effects

Inhalation:

Prolonged excessive exposure may cause adverse effects. Excessive exposure may cause irritation to the upper respiratory tract (nose and throat).

Eye:

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur. Vapor may cause eye irritation experienced as mild discomfort and redness.

Skin:

Brief contact may cause skin burns. Symptoms include pain, severe local redness and tissue damage. Classified as corrosive to skin according to DOT guidelines.

Ingestion:

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury, however, swallowing larger amounts may cause injury. Swallowing may result in burns of the mouth and throat.

Note to Physicians:

Due to irritant properties, swallowing may result in burns/ulceration of mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal/esophageal control if lavage is done. Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control symptoms and the clinical condition of the patient.

Suitable and Unsuitable extinguishing media:	In case of fire: Use water spray (fog), foam, dry chemicals, carbon dioxide, or other type of vapor producing extinguisher.
Specific hazards arising from the chemical:	Heating causes release of hydrogen sulfide. Carbon oxides may be produced.
Special protective equipment and precautions for firefighter	Fire fighters should enter area only if they are protected from all contact with the material. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms, and waist, should be worn. No skin surfaces should be exposed.
Personal Precautions, Protective Equipment, & Emergency Proc	Wear appropriate chemical protection equipment such as gloves, face-shield, goggles and suitable body protection to prevent contamination of skin, eyes and personal clothing.

Respiratory Protection:	A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.
Other:	Insure that eye wash and safety shower are proximal to the work station.
Protective Gloves:	Butyl or neoprene gloves
Eye Protection:	Wear chemical safety goggles.
Appearance:	Red liquid
Odor:	Sulfide odor(rotten eggs)
Odor Threshold:	N/A
PH:	10.0-11.7
Melting Point/Freezing Point:	20-32 F
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	N/A
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:	1.20-1.28
Solubility (ies):	Complete in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	2.95 cSt @ 20 °C
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. Avoid contact with aluminumA@Evaporas5 0 Td (.) Tj -206.25 -14.25 Td μ.-120(E8.9.20-TJ206.25 0 Td (.

Persistence and Degradability: Not Available
Bioaccumulation potential: No data available
Soil/Sediment Result: No data available

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

UN Number: 3082
UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (CALCIUM POLYSULFIDE),
Transport Hazard Class (es): 9
Packing Group: III
ERG: 171

HMIS: Health: 2 Flammability: 0 Reactivity: 1

Sara Hazard Classification SARA Title III Section 311 Categories: Immediate (Acute) Health Effects: Yes, Delayed (Chronic) Health Effects: No, Fire Hazard: No, Sudden Release of Pressure Hazard: No, Reactivity Hazard: No

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 .

REACH status