



Safety Data Sheet

Better Chemistry. Better Business

AQUAPURE P 601

Revised: 5/9/18

1 IDENTIFICATION

Product Name: AQUAPURE P 601

Product Code :2601021

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

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



Hazard Category: Eye Damage/Irritation Hazard Category 2A

Acute Toxicity-Oral Hazard Category 4

Hazard Statements: Harmful if swallowed.

Causes serious eye irritation.

Prevention: Wash skin thoroughly after handling.

Wear rubber protective gloves and goggles.

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

Response: 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

If swallowed: Call poison center, if you feel unwell.

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

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Sodium dimethyldithiocarbamate	Dimethyldithiocarbamic acid sodium salt	128-04-1	40%

4 FIRST AID

After Inhalation:

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

After Skin Contact:

If on skin: Wash with plenty of water.

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:

No hazards which require special first aid measures.

Most Important Symptoms/Effects

Inhalation:

May cause irritation and inflammation in nose, throat and lungs.

Eye:

Severe eye and or skin irritation or burns.

Skin:

Prolonged exposure may cause skin irritation.

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.

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: N/A

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

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, & Emergency Proc Prevent spilled product from drains, sewers, waterways and soil.

Methods and Materials for containment & cleaning up: 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: Do not get in eyes, or on skin, or on clothing.
Wash hands thoroughly after handling.

Conditions for safe storage, inc any incompatibilities:

Do not store in: Aluminum, carbon steel, copper, copper alloys. Galvanized containers.

Do not allow material to freeze.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sodium Dimethyldithiocarbamate	Not established		

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

Ventilation: Local exhaust necessary to eliminate mist and water vapor.

Protective Gloves: Butyl or neoprene gloves

Eye Protection: Wear chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow green solution

Odor: Slight amine odor

Odor Threshold: N/A

PH: 12.2-12.8

Melting Point/Freezing Point: 32 °F

Initial Boiling Point and Boiling Range: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Relative Density: 1.18

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

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.

Conditions to Avoid: Extremely high temperatures

Incompatible Materials: Avoid contact with strong oxidizers and strong acids.

Hazardous Decomposition Products: not known

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Sodium Dithiocarbamate-LD50(Rat)-1000 mg/kg
Dermal administration:	Not established for this product
Delayed effects:	NA
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Fish, Oncorhynchus mykiss	LC50-1.7 mg/L 96 h
Daphnia Magna,	EC50-0052 mg/L 48 h
Persistence and Degradability:	Not Available
Abiotic degradability:	No data available
Biotic degradability:	No data available
Bioaccumulation potential:	Not known
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:	3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (SODIUM DIMETHYLDITHIOCARBAMATE)
Transport Hazard Class (es):	9, MARINE POLLUTANT
Packing Group:	III
ERG:	171

15 REGULATORY INFORMATION

HMIS: Health: 2 Flammability: 0 Reactivity: 0

Sara Hazard Classification	Sodium Dimethyldithiocarbamate- SARA 313 listed
Proposition 65	Sodium Dimethyldithiocarbamate-Proposition 65 listed

16 OTHER INFORMATION

No **RoHS** or **REACH SVHC** are contained in this product.

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.