

SECTION 1 - IDENTIFICATION

PRODUCT NAME: 0.005N Sulfuric Acid Mobile Phase

CATALOG NUMBER: 66720, 46720, 442542, 442543

PRODUCT USE: Laboratory testing

COMPANY: CHATA Biosystems, LLC
 5858 Wright Dr.
 Loveland, CO 80538
 www.chatasolutions.com

GENERAL INFORMATION: 877-246-2428

EMERGENCY (ChemTel): 800-255-3924

SECTION 2 – HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: Corrosive to metals (Category 1); Skin Corrosion / Irritation (category 3); Eye Damage / Irritation (Category 2B)

SIGNAL WORD: WARNING!

HAZARD STATEMENTS: H290; May be corrosive to metals
 H316; Causes mild skin irritation
 H320; Causes eye irritation



SYMBOLS: CORROSION

PRECAUTIONARY STATEMENTS:

P234 Keep only in original container.
 P390 Absorb spillage to prevent material damage.
 P406 Store in corrosive resistant plastic or glass container.
 P332+P313 If skin irritation occurs: Get medical advice / attention.
 P264 Wash hands thoroughly after handling.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice / attention.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (%)
Water	7732-18-5	>99
Sulfuric Acid	7664-93-9	<1

SECTION 4 – FIRST-AID MEASURES

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

SKIN CONTACT: If skin irritation occurs: Get medical advice/attention.

INHALATION: Move to fresh air. If breathing is difficult, give oxygen. Obtain medical attention.
 INGESTION: Do not induce vomiting. Rinse mouth with water. Obtain medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
 FIRE FIGHTING PRECAUTIONS: Wear self-contained breathing apparatus for firefighting if necessary.
 HAZARDOUS COMBUSTION PRODUCTS: Sulphur oxides

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear respiratory protection. Avoid breathing vapours, mist or gas.
 EMERGENCY PROCEDURES: Absorb spillage to prevent material damage.
 CONTAINMENT: Do not let product enter drains.
 CLEANUP PROCEDURES: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS: Wear PPE to prevent skin/eye exposure. Wash hands thoroughly after handling.
 STORAGE CONDITIONS: Store in corrosive resistant plastic or glass container.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS No.	Value	Control parameters	Basis
Sulfuric Acid	7664-93-9	TWA	0.2 mg/m3	USA. ACGHI Threshold Limit Values
		TWA	1 mg/m3	USA. OSHA- Table Z-1 Limits for air contaminants – 1910-1000

ENGINEERING MEASURES:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH or EN 166

SKIN:

Handle with chemical resistant gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product.

RESPIRATORY:

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination respirator cartridges as a backup to engineering controls.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless, liquid
 Odor: Mild or none
 pH: Acidic ~4
 Flash Point: Not available

Relative density: ~1.00 g/mL

Viscosity: Not available

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under room temperatures.

Reactivity: No data available.

Incompatible materials: Metals, caustic materials.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity: No data available.

Carcinogenicity: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive: No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity: Sulfuric acid; CAS 7664-93-9; EC50 = 29 mg/L/24Hr.; Water flea.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 – TRANSPORT INFORMATION

Not regulated at this concentration.

SECTION 15 – REGULATORY INFORMATION

TSCA 12(b) Not applicable

SARA 313 Threshold values 1.0%

SARA 311/312: No

Clean water act: Reportable quantities: 1000 lbs.

CERCLA RQ 1000 lbs

SECTION 16 – OTHER INFORMATION

SDS CREATION: 03/23/15

Added catalog number to section 1. 09/02/15

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.