

### SECTION 1- IDENTIFICATION

#### Product Identifier

**Product Name** Acutech Synthetic On-Site Quality Control

#### Other means of identification

**Product Code** AM4001-Syn Pos

#### Recommended use of the substance or mixture and uses advised against

**Recommended Use** Laboratory and Drug Testing

Not recommended as the matrix for urine opiate confirmation procedures that use acid hydrolysis to cleave glucuronide conjugates. Acutech is an acceptable matrix for opiate procedures that use enzymatic hydrolysis for the same purpose.

#### Details of the manufacturer of the Safety Data Sheet

**Manufacturer** Professional Toxicology Services, Inc.

**Manufacturer Address** 7917 Bond  
Lenexa, KS 66214

**Manufacturer Phone #** 913-599-3535

**Manufacturer Fax #** 913-599-0660

**Manufacturer Email** [www.protoxservices.com](http://www.protoxservices.com)

**Emergency Phone #** 800-424-9300

### SECTION 2- HAZARD(S) IDENTIFICATION

#### Classification of the substance of mixture:

Contains small trace elements of Sodium Azide (.01-.1)

#### Label elements, including precautionary statements

**Prevention:** Use standard lab procedures. Gloves and mask. The product does not usually irritate the skin. Do not ingest.

**Response:** Wash with water and soap and rinse thoroughly. If product is ingested, rinse mouth with water multiple times and seek medical attention.

**Storage:** Refrigerate at 2-8 degrees C.

**Disposal:** No GHS storage statements.

### SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

There is one ingredient in this product which is classified as hazardous.

<u>Dangerous Component</u>	<u>%(w/w)</u>	<u>CAS #</u>	<u>EINECS#</u>	<u>EU #</u>
Sodium Azide	0.01-0.1	22628-22-8	247-852-1	011-004-00-7

### SECTION 4- FIRST AID MEASURES

**Eye Contact-** Rinse immediately with plenty of water for 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek medical attention if irritation develops and persists.

**Skin Contact-** Wash with soap and water, rinse thoroughly. If irritation occurs, seek medical attention.

**Inhalation-** If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.

**Ingestion-** Rinse mouth with plenty of water for 15 minutes. Get immediate medical attention.

### SECTION 5- FIRE-FIGHTING MEASURES

**Extinguishing Media:** Carbon Dioxide, extinguishing powder or water spray.

**Fire Fighting Precautions & Hazards:** Fire fighters should wear butyl rubber boots, gloves, and body suit and NIOSH/MSHA self-contained breathing apparatus.

**Unusual fire and Explosion Hazards:** Not a fire or explosion hazard when stored under normal conditions.

### SECTION 6- ACCIDENTAL RELEASE MEASURES

#### **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device. Handle as infectious.

#### **Environmental Precautions**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using the bathroom. Promptly remove soiled clothing and wash thoroughly before reuse.

#### **Methods and material for containment and clean up**

Keep contaminated water used for washing and dispose of properly. Spilled liquid should be absorbed in liquid binding material. Clean the affected area with a disinfectant and treat the contaminated material as household garbage.

### SECTION 7- HANDLING AND STORAGE

#### **Precautions for safe handling**

Observe standard laboratory safety practices including wash hands and exposed areas thoroughly and store accordingly.

#### **Conditions for safe storage, including any incompatibilities**

Handle product carefully not to spill.

#### **Precautions if Handling or Storing**

Avoid unnecessary skin contact. Store in sealed container.

**Other Precautions:** As with all chemicals, keep out of the reach of children.

## SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory-** Use proper ventilation.

**Eye-** Safety Glasses are recommended.

**Skin-** Lab apparel and gloves

**Other:** Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic over exposure.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Appearance-** Yellow-mimic human urine

**Odor-** None

**pH-** 6.0-8.0

**Melting Point/Freezing Point-** Not Measured

**Flash Point-** Not Measured

**Evaporation Rate (Ether=1)-** Not Measured

**Flammability (Solid, Gas)-** Not Measured

## SECTION 10- STABILITY AND REACTIVITY

**Reactivity-** Product is not explosive under normal circumstances

**Chemical Stability-** Stable under normal circumstances

**Hazardous Polymerization-** Does not occur

**Conditions to avoid-** No data available

**Incompatible Materials-** No data available

## SECTION 11- TOXICOLOGICAL INFORMATION

There is one component in the product that is classified as hazardous. All other components are above the GHS cutoff percentage.

**Note:** When no route specific LD50 data is available for acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<b>Acute Toxicity (oral)</b>	N/A
<b>Acute Toxicity (dermal)</b>	N/A
<b>Acute Toxicity (inhalation)</b>	N/A
<b>Serious Skin/Eye Irritation</b>	N/A
<b>Respiratory Sensitization</b>	N/A
<b>Carcinogenicity</b>	N/A
<b>Aspiration Hazard</b>	N/A
<b>Reproductive Toxicity</b>	N/A



## SECTION 12- ECOLOGICAL INFORMATION

### Aquatic Ecotoxicity

One component is classified as hazardous. All other components of the product are above the GHS cut off percentage.

## SECTION 13- DISPOSAL CONSIDERATIONS

Observe all federal, state and local regulations when disposing of this substance

## SECTION 14- TRANSPORT INFORMATION

**DOT** Not Regulated  
Hazard Class NA

**IMDG/IMO** Not Regulated  
Hazard Class NA

## SECTION 15- REGULATORY INFORMATION

The regulatory data in Section 15 is not intended to be all inclusive, only selected regulations are represented.

### Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA inventory.

### WHMIS CLASSIFICATION

Not Regulated

### US EPA Tier II Hazards

Fire: No  
Sudden Release of Pressure: No  
Reactive: No  
Immediate (Acute): Yes  
Delayed (Chronic): No

## SECTION 16- OTHER INFORMATION

Revision Date: 20-Aug-2021

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

END OF SAFETY DATA SHEET