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## **Mystic Sour**

1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION Product NameMystic SourProduct UseLaundry Sour

Product Code 3008

For Medical Emergency Call Chemtrec 1-800-424-9300

**Supplier's Information** Cleanslate Inc. 1420 East Linden Avenue, Linden NJ 07036

2.HAZARD
IDENTIFICATION

**GHS Classification.** 1. Skin - Category 1

2. Eyes - Category 1

GHS Label Element.

Signal Word. Danger

Hazard Statement. Causes severe skin burns and eye damage.

**Precautionary Statements.** Wear protective gloves, splash goggles, face shield, full suit, vapor respirator and boots. Do not breathe mist/ vapors/spray. Wash thoroughly after handling.

**Acute Effects** 

Eyes. Corrosive to eyes.

Skin. Corrosive to skin..

Inhalation. Irritating to respiratory tract, symptoms include coughing.

Ingestion. Causes burns to mouth, throat and stomach. May be harmful if swallowed.

**Chronic Effects** 

Carcinogenicity. No known critical effects or critical hazards.

Product /Ingredient Name. Not available.

3.COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingerdients

CAS No.

WT.%

Flurosilicic Acid

16961-83-4 10-15

4.FIRST AID MEASURES

**Eye Contact.** Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention immediately.

Skin Contact. Wash skin with copious amounts of water. Seek medical attention immediately.

Inhalation. Remove to fresh air. Seek medical attention immediately.

**Ingestion.** Do not induce vomiting. Drink copious amounts of water. Seek medical attention immediately.

5.FIRE FIGHTING MEASURES

 $\textbf{Suitable Fire Extinguishing Media.} \ Use \ water \ spray, fog \ or \ foam$ 

**Specific Hazards Arising from the Chemical.** In a fire or if heated, a pressure increase will occur and the container may burst.

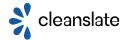
**Hazardous Thermal Decomposition Products.** May emit toxic fumes under fire conditions - hydrogen fluoride (HF).

**Specific Fire-Fighting Methods.** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Specific Protective Equipment for Fire-Fighters.** Fire-Fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.



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## **Mystic Sour**

6.ACCIDENTAL RELEASE MEASURES

**Spill Clean Up.** Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7.HANDLING AND STORAGE

**Handling.** Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling.

**Storage.** Store between the following temperatures: 4.44 to 48.9°C (40 to 120°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8.EXPOSURE CONTROLS/ PERSONAL PROTECTION 
 Ingerdients Name
 Exposure Limits

 Flurosilicic Acid
 OSHA PEL 2.5 mg/m³

## **Personal Protective Equipment**

Eyes. Splash goggles.

**Physical State** 

Body. Face shield, full suit, vapor respirator, boots and gloves.

**Respiratory.** A self contained breathing apparatus should be used to avoid inhalation of product. Be sure to use an approved /certified respirator or equivalent.

Clear liquid

9.PHYSICAL AND CHEMICAL PROPERTIES

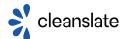
Color Green Odor Pungent рΗ 1.0-2.0 Flash point >100°C (212°F) **Explosion limits** Not available Flammability (solid, gas) Not available Melting point Not available >100°C (212°F) **Boiling point** Evaporation rate (butyl acetate = 1) Not available Vapor pressure Not available Vapor density Not available Relative density 1.08 (Water = 1)

**Solubility** Easily soluble in the following materials: cold water and hot water

Partition coefficient n-octano/water Not available
Auto-ignition temperature Not available
Decomposition temperature Not available
Odor threshold Not available

**Viscosity** Kinematic (room temperature): ≤ 10 CPS





## **Mystic Sour**

10.STABILITY AND REACTIVITY

Stability. The product is stable.

**Possibility of hazardous reactions.** Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid. No specific data.

Materials to avoid. Glass, strong oxidizing agents, metals, alkali, strong acid.

**Hazardous decomposition products.** Under normal conditions of storage and use, hazardous decomposition should not be produced.

11.TOXICOLOGICAL INFORMATION

Product/Ingredient Name Flurosilicic Acid

Result LD50 Oral Species Rat Dose

430 mg/kg

12.ECOLOGICAL INFORMATION

N/A

13.DISPOSAL CONSIDERATIONS

Waste Information.

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

14.TRANSPORT INFORMATION

Regulatory Information DOT Classification

UN Number UN3264 Proper Shipping Name Corrosive liquid, acidic,

Classes

PG\*

П

Label

inorganic, n.o.s. (Fluorosilicic acid)

**Note.** DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.

PG\*. Packing Group

**SARA 313** 

15.REGULATORY INFORMATION

U.S. Federal Regulations

TSCA 8(b) inventory. All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances. No listed substance SARA 302/304 emergency planning and notification. No listed substance

Form R-Reporting requirements No listed substance

Product Name

CAS Number

Concentration

16.OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. **Date of Issue: 05/02/2022** 

\*Hazard Determination System (HDS):

Health 3
Reactivity 0
Flammability 0

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

