

SAFETY DATA SHEET



Hand Sanitizer (70% Ethyl Alcohol)

Item # 10-112

1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

PRODUCT NAME: Hand Sanitizer (70% Ethyl Alcohol)

MOLECULAR FORMULA: Mixture

CHEMICAL FAMILY: Alcohol sanitizer

USE: Antibacterial hand rub

SUPPLIER:

Aurora Pharmaceutical, Inc
1196 South Highway 3
Northfield, MN 55057

TELEPHONE NUMBERS:

Emergency (Chemtrec 24 hours): (800) 424-9300
Information: (888) 215-1256

2. HAZARDS IDENTIFICATION

Signal word: Warning

Pictograms



HAZARD STATEMENTS

H226 – Flammable liquid and vapor

H319 – Causes serious eye irritation

PRECAUTIONARY STATEMENTS

P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking

P233 – Keep container tightly closed.

P241 – Use explosion -proof electrical, ventilation, and lighting equipment.

P242 – Use only non-sparking tools

P243 – Take precautionary measures against static discharge.

P264 – Wash thoroughly after handling

P281 – Use personal protective equipment as required

P303 + P353 + P361 If on skin: Take off all contaminated clothing. Rinse with water or shower.

P305 + P338 + P351 If in eyes: Rinse with water for 15 minutes. Remove contact lenses, if easy to do

CARCINOGENIC STATUS: No component of this product is listed as a known carcinogen.

EFFECTS OF EXPOSURE: Dermatitis, gastrointestinal disturbance.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Mixture of the substances listed in this section.

INGREDIENT 1

COMMON NAME: Ethyl alcohol

% BY VOLUME: 70% v/v

CAS NUMBER: 64-17-5

INGREDIENT 2

COMMON NAME: Glycerin

% BY WEIGHT: Trade Secret

CAS NUMBER: 56-81-5

INGREDIENT 3

COMMON NAME: Isopropyl Alcohol

% BY WEIGHT: Trade secret

CAS NUMBER: 67-63-0

INGREDIENT 4

COMMON NAME: Polyethylene Glycol 8000

% BY WEIGHT: Trade Secret

CAS NUMBER: 25322-68-3

INGREDIENT 5

COMMON NAME: Water

% BY WEIGHT: Trade Secret

CAS NUMBER: 7732-18-5

Additional ingredients are non-hazardous and present at a level of less than 1.0%.

EXPOSURE LIMIT(S) FOR THE MATERIAL:

Not established.

4. FIRST AID MEASURES

EYES: Remove contact lenses, if present. Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, obtain medical attention.

SKIN: Immediately remove any contaminated clothing and wash with soap and water. If irritation or symptoms occur, seek medical attention.

INHALATION: Move to fresh air. If trouble breathing seek medical attention.

INGESTION: Rinse mouth. Do not induce vomiting. Contact a physician if symptoms develop.

5. FIRE FIGHTING MEASURES

FLASH POINT: 13°C (based on flash point of 3C Ethanol).

LOWER EXPLOSION LIMIT (LEL): 3.3% (Ethanol).

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UPPER EXPLOSION LIMIT (UEL): 19% (Ethanol).

EXTINGUISHING MEDIA: Water, alcohol resistant foam, carbon dioxide, or dry chemical.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full-body protective equipment.

UNUSUAL FIRE OR EXPLOSION HAZARDS:
Do not use a solid stream of water to extinguish as it may scatter and spread fire.

HAZARDOUS COMBUSTION PRODUCTS:
Carbon monoxide, carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTIONS: Do not let product enter drains. Do not flush into surface water. Do not flush to groundwater and soil.

ADDITIONAL PRECAUTIONS: Remove all sources of ignition. Use only non-sparking tools.

METHODS FOR CLEANING UP: Absorb the liquid with suitable material, then transfer into a suitable container for disposal.

7. HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse.

STORAGE: Store at or below 25°C. Store away from food and beverages. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not required under normal conditions of use. A respirator is required when the TWA or STEL is exceeded.

VENTILATION: Good general ventilation should suffice.

HAND PROTECTION: Protective gloves.

EYE PROTECTION: Safety glasses. Care should be taken to avoid accidental exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid.

Odor: odor of alcohol.

pH: 5-8

Flash Point: 13°C, 55.4° F (based on flash point of 3C Ethanol)

Auto ignition Temperature: 400°C, 752° F (based on auto-ignition temperature for 3C Ethanol)

Boiling Point/Range: 78°C (ethanol)

Melting Point/Range: NA

Flammability (solid, gas): NA

Upper/Lower Flammability: 3.3% - 19% (Ethanol).

Vapor Pressure: NA

Vapor Density: NA

Specific Gravity: 0.864-0.884

Water Solubility: soluble

Reactivity in Water: None

Decomposition Temperature: NA

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

PHYSICAL CONDITIONS TO AVOID: Heat, flames, sparks.

INCOMPATIBILITY WITH OTHER

MATERIALS: Strong oxidizers, strong acids or bases.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon dioxide, Carbon monoxide.

HAZARDOUS POLYMERIZATION: No data available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

No data is available for the product. The following is for Ethanol:

LD₅₀ Oral rat >10000mg/kg

CHRONIC TOXICITY:

Not available.

REPRODUCTIVE/DEVELOPMENTAL TOXICITY:

Possible damage to the fetus (ethanol).

12. ECOLOGICAL INFORMATION

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of by incineration in accordance with applicable local and national regulations.

14. TRANSPORT REGULATIONS

When sold in 32 oz size containers, or smaller, product is ORM-D.

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15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) inventory: No

California prop 65 listed chemical: No

16. OTHER INFORMATION

Revision Date: 04/03/20

The information and recommendations presented in this SDS are based on sources believed to be accurate. Aurora Pharmaceutical, Inc. assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.