

Medline hand sanitiser liquid 70% alcohol solution - 100ml

Product Code: MDHS70-100

Brand: Medline Scientific

Suitable for hand disinfection in a large variety of different institutions, including:

- Hospitals
- Laboratories
- Universities
- Workplaces
- Home
- Industrial Institutes

Helps to prevent propagation of contagious germs.



With its formulation developed specifically for laboratory use and comprising 70% alcohol this solution is suitable to assist in the prevention / protection of current viral infection, as recently documented in the guidance notes issued by Public Health England (PHE).

Recommended for hygienic hand disinfection according to EN 1500.

Supplied in a 100ml bottle, with secure screw capped lid.

Please use along with a suitable moisturiser in times of heavy use to prevent skin from drying out.

Danger:

Highly flammable liquid and vapour. Causes serious eye irritation. Keep out of reach of children.

Keep away from direct heat, sparks, open flames, hot surfaces. No smoking.

If in eyes: 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. If medical advice is needed, please have product container or label to hand.

- Highly flammable.
- Do not use on exposed cuts, abrasions or blisters.
- Do not ingest.



UN#: 1170
Class: 370

1. Identification of the substance/preparation and of company/undertaking Identification of the product

Product name: Medline 100ml hand sanitiser liquid 70% alcohol
Cat. No. MDHS70-100
Manufacturer/supplier identification
Company: Medline Scientific Limited, 3 Tower Estate, Chalgrove, Oxon, OX44 7XZ Telephone No:+44 (0) 1865 400321 / Fax No:+44 (0) 1865 400321
Email: sales@medlinescientific.com

2. Hazards identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT: Highly flammable.

3. Composition/information on ingredients

Product Name CAS # EC no Annex I Index Number
ETHANOL FIXATIVE: None Ingredient Name Percent CAS # EC no Annex I Index Number
ETHYL ALCOHOL, 70% (in water) 64-17-5 200-578-6 603-002-00-5
Symbols: F

R-Phrases: 11 Highly flammable. Formula C₂H₆O

Molecular Weight 46.07

4. First aid measures

AFTER INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT: Upon contact with skin, please rub hands and fingers until solution is full dispersed and absorbed. If any reaction, please wash immediately with clean water.

AFTER EYE CONTACT: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. Fire-fighting measures

EXTINGUISHING MEDIA: Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS: Specific Hazard(s): Flammable liquid. Vapor may travel considerable distance to source of ignition and flash back.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SPECIFIC METHOD(S) OF FIRE FIGHTING: Use water spray to cool fire-exposed containers.

6. Accidental release measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL: Evacuate area. Shut off all sources of ignition.

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP: Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

HANDLING: Directions for Safe Handling: Do not breathe vapor. Do not get in eyes or face, on clothing. Avoid prolonged or repeated exposure.

STORAGE: Conditions of Storage: Keep tightly closed. Keep away from heat, sparks, and open flame.

8. Exposure controls/personal protection

ENGINEERING CONTROLS: Use only in a chemical fume hood. Safety shower and eye bath.

GENERAL HYGIENE MEASURES: Wash thoroughly after handling.

EXPOSURE LIMITS: Country Source Type Value Poland NDS 1900 MG/M3 Poland NDSCh - Poland NDS -

PERSONAL PROTECTIVE EQUIPMENT: Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator

9. Physical and chemical properties Appearance Physical State: Liquid Property Value At Temperature or Pressure pH N/A

BP/BP Range N/A MP/MP Range N/A Flash Point 13.0 °C Flammability N/A Autoignition Temp N/A Oxidizing Properties N/A Explosive Properties N/A Explosion Limits

N/A Vapor Pressure N/A SG/Density N/A

Partition Coefficient N/A Viscosity N/A

Vapor Density N/A Saturated Vapor Conc. N/A Evaporation Rate N/A

Bulk Density N/A Decomposition Temp. N/A Solvent Content N/A Water Content N/A Surface Tension N/A Conductivity N/A Miscellaneous Data N/A Solubility N/A

10. Stability and reactivity

STABILITY: Stable Materials to Avoid: Acids, Acid chlorides, Acid anhydrides, Oxidizing agents, Reducing agents, Alkali metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous Decomposition Products: Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION: Hazardous Polymerization: Will not occur

11. Toxicological information

SIGNS AND SYMPTOMS OF EXPOSURE: Can cause CNS depression. Exposure can cause: Narcotic effect.

Nausea, headache, and vomiting. Damage to the heart. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE: Skin Contact: May cause skin irritation / Skin Absorption: May be harmful if absorbed through the skin

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

TARGET ORGAN INFORMATION: Nerves. Liver. Heart.

CONDITIONS AGGRAVATED BY EXPOSURE: Alcohol has been linked to birth defects and cancer in humans.

Repeated ingestion over a prolonged period has caused liver and kidney damage. IARC has determined that ethanol is carcinogenic based on the chronic exposure of humans through the drinking of alcoholic beverages over time.

CHRONIC EXPOSURE – CARCINOGEN: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

12. Ecological information

No data available.

13. Disposal considerations

SUBSTANCE DISPOSAL: Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations.

14. Transport information

RID/ADR UN#: 1170

Class: 3 PG: II

Proper Shipping Name: Ethanol IMDG

UN#: 1170

Class: 3 PG: II

Proper Shipping Name: ETHANOL Marine Pollutant: No

Severe Marine Pollutant: No IATA

UN#: 1170

Class: 3 PG: II

Proper Shipping Name: Ethanol Inhalation Packing Group I: No

15. Regulatory information

CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

INDICATION OF DANGER: F

Highly Flammable.

R-PHRASES: 11

Highly flammable.

S-PHRASES: 7-16

Keep container tightly closed. Keep away from sources of ignition - no smoking.

COUNTRY SPECIFIC INFORMATION

Germany WGK: 1

Self-Classification

16. Other Information

Revised February 2020