SAFETY DATA SHEET

Frazers Hand Sanitiser


World Health Organisation approved formulation.

1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Frazers Hand Sanitiser

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses PT1 Human Hygiene Biocidal Product. For full details regarding recommended uses please refer to the product label.

1.3 Details of the supplier of the safety data sheet

Supplier The Frazers Group

30 Cavehill Road

Banbridge

Co Down

BT32 5DS

Main Tel. 028 40651272 Email, sales@thefrazersgroup.com

1.4 Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0844 8920111 (Health Professionals only)

National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi;R41. F;R11.

Human health Irritating to eyes.

Environmental The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC
Physicochemical

The product is flammable. Heating may generate flammable vapours.

2.2. Label

Pictogram

Signal word
Danger

Hazard statements
Highly flammable liquid and vapour.
Causes serious eye irritation.

Precautionary statements
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.

In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with national regulations.

Supplemental label information

• WHO-recommended handrub formulation
• For external use only
• Avoid contact with eyes
• Keep out of the reach of children
• Date of production and batch number
• Use: Apply a palmful of alcohol-based handrub and cover all surfaces of the hands. Rub hands until dry
• Composition: ethanol or isopropanol, glycerol and hydrogen peroxide
• Flammable: keep away from flame and heat

Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

Use biocides safely. Always read the label and product information before use.
Supplementary precautionary statements

Keep container tightly closed.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments  The data shown are in accordance with the latest EC Directives.

- Ethanol
- Hydrogen Peroxide (3%)
- Glycerin (98%)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information  Get medical attention if any discomfort continues.

Inhalation  Due to the small pack size, the risk of inhalation is minimal.

Ingestion  DO NOT induce vomiting. Get medical attention immediately.

Eye contact  Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation  No specific symptoms known.

Ingestion  May cause nausea, headache, dizziness and intoxication.

Skin contact  None known.

Eye contact  May cause severe eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor  No specific recommendations.
SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Specific hazards Highly flammable liquid and vapour. May form explosive mixture with air at very high concentration.

Hazardous combustion products Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection
8.1. Control parameters

Ingredient comments None.

8.2. Exposure controls

Protective equipment

**Appropriate engineering controls** Not relevant.

**Eye/face protection** Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

**Hand protection** Not relevant.

**Other skin and body protection** Not relevant.

**Hygiene measures** DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

**Respiratory protection** Not relevant.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Colourless.

**Odour** Characteristic.

**Odour threshold** Not determined.

**pH**

*\[ \text{pH (concentrated solution): 6.5-7.5} \]*

**Melting point** Not determined.

**Initial boiling point and range** Not determined.

**Flash point** 19 Deg C

**Evaporation rate** Not determined.

**Upper/lower flammability or explosive limits** Not determined.

**Vapour pressure** Not determined.

**Vapour density** Not determined.

**Relative density** Not determined.

**Partition coefficient** Not determined.

**Auto-ignition temperature** Not determined.
Decomposition Temperature Not determined.

Viscosity Not determined.

Explosive properties Not determined.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability No particular stability concerns.

10.3. Possibility of hazardous reactions Not known.

10.4. Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects Acute toxicity - oral Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation Serious eye damage/irritation Highly irritating. OECD 438

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity Genotoxicity - in vivo Does not contain any substances known to be mutagenic.

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity - development Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure STOT - repeated exposure No information available.

Aspiration hazard Based on available data the classification criteria are not met.

General information No specific health hazards known.

Inhalation No specific health hazards known.

Ingestion May cause nausea, headache, dizziness and intoxication.
Skin contact
Skin irritation should not occur when used as recommended.

Eye contact
Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

SECTION 12: Ecological Information

Ecotoxicity
The product is not expected to be hazardous to the environment.

12.1. Toxicity
Toxicity
The product is not expected to be toxic to aquatic organisms.

12.2. Persistence and degradability

Persistence and degradability
The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
Not determined.

12.4. Mobility in soil
Mobility
The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods
Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1987
UN No. (IMDG) 1987
UN No. (ICAO) 1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)
Proper shipping name (IMDG) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)
Proper shipping name (ICAO) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)
Proper shipping name (ADN) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)
14.3. Transport hazard class(es)
ADR/RID class 3
ADR/RID label 3
IMDG class 3
ICAO class/division 3
Transport labels 14.4.

Packing group
ADR/RID packing group II
IMDG packing group II
ICAO packing group II

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user
EmS F-E, S-D
Emergency Action Code •3YE
Hazard Identification Number (ADR/RID) 33

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Use biocides safely. Always read the label and product information before use. Only trained personnel should use this material.

Key literature references and sources for data Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

Revision comments None

Revision date N/A

Risk phrases in full R11 Highly flammable
R41 Risk of serious damage to eyes.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Notes for Risk Phrases and Hazard Statements in Full The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.