

According to Regulation (EC) No 1907/2006 (REACH)
Trade name: Purex Product No.: HS5060763411005
Version 1.0/EN

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

1.1. Product Identifier

Product Identifier: HS5060763411005

Substances: Hand Sanitiser

Substance name: Purex Hand Sanitiser

This substance is exempted from Registration according to the provisions of Article 2(7)(a) and Annex IV of REACH

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

Relevant identified uses

Relevant Identified uses Alcohol-based gel formulation for sanitizing hands.

1.3. Details of the supplier of the safety data sheet

Supplier:

Purex
Unit 7
Biz Parks
Mostyn Rd
Holywell
Flintshire
CH8 9DQ

Telephone: 020 3962 1858

Email: info@purexclean.com

1.4. EMERGENCY TELEPHONE NUMBER:

Main: +44 (0) 20 3962 1858

Opening hours are 8:30am to 5:00pm weekdays.

Emergency hours are 24 hours a day 7 days a week.

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Section 2: Hazards identification

2.1. Classification under Regulation (EC) No 1272/2008

Class and category of danger:

Hazard Statements

- H225 Highly flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

Precautionary Statements – Prevention

- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing vapours.
- P280 Wear eye protection/ face protection.

Precautionary Statements – Response

- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P370 + P378 . In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Precautionary Statements – Storage

- P403 + P235 Store in a well-ventilated place. Keep cool

Supplemental Hazard information



- EUH066 Repeated exposure may cause skin dryness or cracking

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2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Product identifier: Purex Hand Sanitiser PN: HS5060763411005

Hazard pictograms:	Hazard / Precautionary statement(s)
<p>GHS02</p>  <p>GHS07</p> 	<p>Signal word: WARNING</p> <p>Hazard statements:</p> <ul style="list-style-type: none"> • Highly flammable liquid and vapour. • Causes serious eye irritation. • May cause drowsiness or dizziness. <p>Precautionary statements:</p> <ul style="list-style-type: none"> • Keep out of reach of children. • Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. • Keep container tightly closed. • Use explosion-proof electrical/ ventilating/ lighting/ equipment. • Use only non-sparking tools. • Take precautionary measures against static discharge. • Avoid breathing vapours. • Wear eye protection/ face protection. • 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 dry sand, dry chemical or alcohol-resistant foam to extinguish. • Store in a well-ventilated place. Keep cool <p>Supplemental Hazard information</p> <ul style="list-style-type: none"> • Repeated exposure may cause skin dryness or cracking

2.3. Other Hazards

None

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Section 3: Composition/information on ingredients

3.1. Substances

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Isopropyl Alcohol	67-63-0	200-661-7	01-2119457558-25-xxxx	≤ 76%	H225 H300 H319 H336
Glycerol*	56-81-5	200-289-5		≤ 0.5%	
Triethanolamine	102-71-6	203-049-8		≤ 0.5%	H226

* Not classified as dangerous according to Regulation (EC) No. 1272/2008

Section 4: First Aid measures

4.1. Description of first aid measures

General notes

In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues

Following eye exposure

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Following ingestion

Following skin contact

Following ingestion

Do not induce vomiting. Give plenty of water to drink. Get medical attention.

Other

Take Risk and Safety phrases (section 15) into consideration.

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

General Information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Symptoms/injuries after inhalation:

Symptoms may include dizziness, headache, nausea and loss of coordination.

Symptoms/injuries after skin contact:

No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin

Symptoms/injuries after eye contact:

May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

Symptoms/injuries after ingestion:

May cause discomfort if swallowed.

Chronic symptoms:

No data available

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

Treat symptomatically. For specialist advice physicians should contact the Poison Control Centre.

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Section 5: Firefighting measures

5.1. Extinguishing media

Suitable media:

Alcohol-resistant foam
Dry powder
Carbon dioxide

Unsuitable media: Do not use a direct water-jet on burning material.

5.2. Special hazards arising from the substance or mixture

Fire hazard:

Do not use a solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray. Flash back possible over considerable distance. May form explosive mixtures in air. Exposure to decomposition products may be a hazard to health.

Explosion hazard:

May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes. Avoid inhalation of vapours. No smoking, sparks, flames or other sources of ignition near spillage. See protective measures under Section 7 and 8.

6.2. Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waster disposal containers and seal securely.

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes. Keep away from heat. Eliminate all sources of ignition. Causes slippery surface when spilled. Ensure there is enough ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in tightly closed, original container in a well-ventilated place. Keep at temperature not exceeding 35°C.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

Name	CAS	EC	Long-term*		Short-term**	
			ppm	mg.m ⁻³	ppm	mg.m ⁻³
Isopropyl Alcohol	67-63-0	200-661-7	500	1250	400	999
Glycerol	56-81-5	200-289-5				10

*Long-term exposure limit (8-hr TWA reference period)

**Short-term exposure limit (15 minute reference period)

8.2. Exposure controls

Engineering Measures

All handling should only take place in well-ventilated areas.

Eye Protection

None required if care is taken not to splash in eyes when pouring or using.

Hand Protection

No special protective equipment required for normal conditions of use.

Skin Protection

No special protective equipment required for normal conditions of use.

Respiratory Protection

No personal respiratory protective equipment normally required.

Other information:

Do not breathe vapours. Do not eat, drink or smoke when using this product.

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Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Viscous clear liquid
Odour:	Alcohol odour
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	20.0 °C -Closed cup
Vapour pressure:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Auto ignition temperature	Not determined

9.2. Other information

N/A

Section 10: stability and reactivity

10.1. Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2. Chemical stability

Good stability under normal storage conditions.

10.3. Possibility of hazardous reactions:

Vapours may form explosive mixture with air.

10.4. Conditions to avoid

Avoid extreme heat, flames and sparks.

10.5. Incompatible materials

Strong oxidising agents, Flammable solids and water-reactive substances.

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

Section 11: Toxicological information

11.1. Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

- May cause drowsiness or dizziness if inhaled

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: Not Available

Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: Not Available

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available

Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE* Oral	LD50/ATE* Dermal	LC50/ATE* Inhalation	LC50 Route
Isopropanol	67-63-0	200-661-7	5045	12800	16000ppm	-
Glycerol	56-81-5	200-289-5	27,200	56,750		

* Acute Toxicity Estimates

Section 12: Ecological information

12.1. Toxicity

Based on the available information, substance/mixture does not fulfil the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I. Not regarded as dangerous for the environment.

12.2. Persistence and degradability

This product, at use dilutions, is readily broken down in biological effluent treatment plants. Degradability of components of the mixture:

Ingredient	CAS	Process	Degradation Rate	Time
Isopropanol	67-63-0	Biodegradation	Rapidly degradable	

12.3. Bioaccumulative potential

Data is not available.

Bioaccumulation Potential of components of the mixture:

Ingredient	CAS	BFC	Log POW	BOD5/COD
Isopropanol	67-63-0		0.05	
Glycerol	56-81-5		-1.75 at 25 °C and pH 7.4	

12.4. Mobility in soil

Data is not available.

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12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

Not available

Section 13: Disposal considerations

13.1. Waste treatment methods

Product

Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

Contaminated packaging

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1. UN Number

ADR/RID: - UN 1987
IMDG: - UN 1987
IATA: - UN 1987

14.2. UN Proper shipping name

ADR/RID: ALCOHOLS, N.O.S. (Isopropanol)
IMDG: ALCOHOLS, N.O.S. (Isopropanol)
IATA: ALCOHOLS, N.O.S. (Isopropanol)

14.3. Transport hazard class(es)

ADR/RID: 3
IMDG: 3
IATA: 3

14.4. Hazard label(s)



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14.5. Packing group

ADR/RID:

Packing group: III
Classification Code: F1
Hazard Identification Number: 30
Labels: 3

IMDG:

Packing group: III
Labels: 3
EmS Code F-E, S-D

IATA (Cargo)

Packing instruction (cargo aircraft): 366
Packing instruction (LQ): Y344
Packing group: II
Labels: Flammable Liquids

IATA (Cargo)

Packing instruction (passenger aircraft): 353
Packing instruction (LQ): Y344
Packing group: II
Labels: Flammable Liquids

14.6. Environmental hazards

ADR/RID: no
IMDG Marine pollutant: no
IATA: no

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

Not applicable

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Section 15: Regulatory information

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

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006). The product is as classified under GHS/CLP-Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16: Other Information

16.1. Revision History

Rev.	Section and change	Changed by	Date

16.2. Key to Acronyms

Abbr.	: Descriptions of used abbreviations
AcuteTox	: Acute Toxicity
BOD	: Biological Oxygen Demand
CAS	: Chemical Abstract Service
CLP	: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances
CMR	: Carcinogenic, Mutagenic or Toxic for Reproduction
DMEL	: Derived Minimal Effect Level
DNEL	: Derived No-Effect Level
DOC	: Dissolved Organic Carbon
GHS	: Globally Harmonised System of classification and labelling of chemicals
IATA	: International Air Transport Association
IMDG	: International Maritime Dangerous Goods
LogKOW	: n-Octanol/water
PNEC	: Predicted No-effect Concentration
RID	: International Carriage of Dangerous Goods by Rail
STEL	: Short-Term Exposure Limit
TOC	: Total Organic Carbon
TWA	: Time Weighted Average
WEL	: Workplace Exposure Limit

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16.3. Key to abbreviations

Abbreviation	Explanation
EUH066	Repeated exposure may cause skin dryness or cracking
H225	Highly flammable liquid and vapour
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H300	Fatal if swallowed
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P241	Use explosion-proof electrical/ventilating/light/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing fumes/vapours.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338	IF IN EYES:
P337 + P313	If eye irritation persists:
P370 + P378	In case of fire:
P403 + P235	Store in a well ventilated place.

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.