



LIQUA CARE

Hand Sanitiser

Liqua Care cleans and protects your hands, so you can travel the world in comfort and experience the real 'feel' of life protected from bacteria.



ANTIBACTERIAL LIQUID

Medisanitize

Proven to kill **99.99%** of all known germs
within 30 seconds.

Expertly developed to cleanse your hands
when **you are on the go.**

No water required.

Minimal Packaging.

6 hour protection, reducing cross infection.

Moisturising Formula, **suitable for dry &
sensitive skin.**





ANTIBACTERIAL

**HAND
SANITISER**



**KILLS
99.9% OF
GERMS
WITHOUT
WATER**

50ml

Material Safety Data Sheet

Hand Sanitizer

Section 1- Chemical Product and Company Identification

MSDS Name: Hand Sanitizer,
Synonyms: Hand Sanitizer, Hand Cleanser

Section - 2- Hazards Identification

EMERGENCY OVERVIEW

Appearance: Clear liquid

warning: Harmful if swallowed. May cause eye and skin irritation, may cause respiratory and digestive tract irritation. Flammable liquid, keep away from open flame.

Target organs : N.A

Potential Health Effects Eye : May cause eye irritation **Skin:** Non -corrosive to skin

Ingestion : Harmful if swallowed, May cause irritation of the digestive tract.

Inhalation : No significant damage.

Section 2 - composition, Information on active Ingredients

CAS #	Chemical Name	% by vol.
64-17-5 + 67-63-0	Ethyl Alcohol + Isopropyl Alcohol	70 ~75 %
Proprietary	Carbomer	<0.5%

Section 4 - First Aid Measures

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin : Skin irritation is not anticipated when used normally . Flush skin with plenty of water while removing contaminated clothing and shoes

Ingestion : Never give anything by mouth to an unconscious person. Get medical aid. Do not induce vomiting . If conscious and alert, rinse mouth and drink 2-4 cupful of milk or water.

Inhalation : Remove from exposure and move to fresh air immediately . If breathing is difficult, give oxygen. Get medical aid. Does NOT use mouth-to-mouth resuscitation. Get medical assistance.

Section 5 - Fire Fighting Measures

Flash Point & Method 24'C(76'F)

Flammability Class - OSHA Flammable Liquid, Class IC Tag Closed cup

Flammability Limits (% by vol.)	<u>Lower</u>	<u>Upper</u>
	3.3%*	19.0%* (*for ethanol)

Extinguishing Media Chemical foam , dry chemical, carbon dioxide, or water .

Unusual Fire & Explosion hazards : No application hazards are Known to be associated with this product.

Fire Fighting Instructions Use self-contained berating apparatus and full protective gear if large quantities of product are involved. Thermal decomposition may include oxides of carbon and nitrogen.

Section 6- Accidental Release Measures

Spill /Leaks : Dilute with water & sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. provide ventilation.

Section 7 - Handling and Storage

Handling : Wash thoroughly after handling . Use with adequate ventilation. Minimize dust generation and accumulation . Avoid contact with eyes. Keep container tightly closed. avoid ingestion and inhalation.

Storage : Keep away from children . store in closed container , avoid direct sunlight.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls : Use adequate ventilation to keep airborne concentration low .

Exposure Limits : Not available

Personal Protective equipment

Eyes : wear eyeglasses

Skin : Avoid extensive & continuous contact with skin.

Clothing: No special clothing required. Use gloves, glasses if required.

Respirations : A respirator is not required under normal & prescribe use.

Section 9 - Physical and Chemical Properties

Physical state : Clear viscous fluid Gel	Evaporation Rate : Not available
Appearance : Artificially colored	Viscosity : Not Available
Odor : Pleasing	Boiling Point : Not determined
pH : 7~9(Neutral to Mildly Basic)	Freezing \ Melting Point : N A
Vapor Pressure : Not available	Decomposition Temperature : Not available
Vapor Density : Not available	Solubility : Soluble in water
	Specific Gravity \ Density : 0.90~0.97

Section - 10 - Stability and Reactivity

Chemical Stability : Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to avoid : Excess heat , storage oxidants .

Incompatibilities with other materials : Data not available.

Hazardous decomposition product : Data not available.

Hazardous Polymerization : Has not been reported.

Section 11 - Toxicological information

Oral, rate : LD50 No data available

Acute effect to humans :

Eyes : Hazardous in case of direct contact

Skin : No significant effect

Inhalation : Slight irritation of prolonged inhalation

Ingestion : Slight hazardous in case of ingestion

Section 12 - Ecological information

No information available

Section 13 - Disposal Considerations

Waste information : Waste must be disposal in accordance with the local environment control body.

Waste Stream Not available

Section 14 - Transport Information

Identification	Proper	Hazardous	Packaging	
<u>Shipment</u>	<u>Number</u>	<u>Shipping name</u>	<u>Classification</u>	<u>Group</u>
US DOT	None	CONSUMER COMMODITY	ORM-D	None
IATA (air)	ID8000	CONSUMER COMMODITY	9	N/A
IMDG (vessel)	UN1170	ETHANOL SOLUTION	3	III,ITD QTY

SECTION 15 - Regulatory information

This product is classified under "Over the counter " product. Keep away from children.

Section 16- Additional information

The information above is believed to be accurate and represent the best information currently available to us. However ,we make no warranty , of merchantability or any other warranty , express or implied , with respect to such information , and we assume no liability resulting from its use. users should make their own investigation to determine the suitability of the information for their particular purposes. In no event shall we shall be liable for any claims , losses, or damage of any third party or for lost profits or any special, indirect , incidental, consequential or exemplary damages, howsoever arising even if fisher has been advised of the possibility of such damages.

SAFETY DATA SHEET

ISOPROPANOL

Page: 1

Compilation date: 12/08/2008

Revision date: 07/11/2016

Sent to: Public Server Addition.

Revision No: 5

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

1.1. Product identifier

Product name: ISOPROPANOL

REACH registered number(s): 01-2119457558-25

CAS number: 67-63-0

EINECS number: 200-661-7

Index number: 603-117-00-0

Synonyms: IPA

PROPAN-2-OL

ISO PROPYL ALCOHOL

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

Use of substance / mixture: Industrial uses: Uses of substances as such or in preparations at industrial sites.
Solvent for industrial use. Uses in coatings. Lubricants and lubricant additives. Use in cleaning agents. Water treatment applications. PC21: Laboratory chemicals.

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 2: H225

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

[cont...]

SAFETY DATA SHEET

ISOPROPANOL

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2.2. Label elements

Label elements:

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

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243: Take precautionary measures against static discharge.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: PROPAN-2-OL

CAS number: 67-63-0

EINECS number: 200-661-7

REACH registered number(s): 01-2119457558-25

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

Ingestion: Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING. Get medical attention immediately.

[cont...]

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ISOPROPANOL

Page: 3

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if necessary.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

[cont...]

SAFETY DATA SHEET

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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.
Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

DNEL/PNEC Values

ISOPROPANOL

Type	Exposure	Value	Population	Effect
DNEL	Oral	26 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	319 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	888 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	89 mg/m ³	Consumers	Systemic
DNEL	Inhalation	500 mg/m ³	Workers	Systemic

[cont...]

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PNEC	Fresh water	140.9 mg/l	-	-
PNEC	Fresh water sediments	552 mg/kg	-	-
PNEC	Marine sediments	552 mg/kg	-	-
PNEC	Marine water	140.9 mg/l	-	-
PNEC	Microorganisms in sewage treatment	2251 mg/l	-	-
PNEC	Soil (agricultural)	28 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Required, if exposure limit is exceeded. In Case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves should be replaced at first signs of wear. butyl rubber (BR), or Fluorinated Rubber gloves Glove thickness 0.5mm Breakthrough time of the glove material > 8 hours.

Eye protection: Safety goggles. Safety glasses. Ensure eye bath is to hand.

Skin protection: Solvent resistant protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Alcoholic

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 78-82

Melting point/range°C: -88

Flammability limits %: lower: 2.5

upper: 12.7

Flash point°C: 12

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: >399

Vapour pressure: 4.16kPa@20c

Relative density: 0.786

pH: Neutral

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

[cont...]

SAFETY DATA SHEET

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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

[cont...]

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1219

14.2. UN proper shipping name

Shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

[cont...]

SAFETY DATA SHEET

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Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Hand Sanitiser Liquid

Other identifiers: None

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

Product uses: Hand Sanitiser

1.3 Details of the supplier of the safety data sheet

Company name: Kong Worldwide Ltd,

Company address: Suite 30030, Chynowethhouse,
Trevisson Park, Truro,
United Kingdom,
TR4 8UN

Contact: Regulatory Affairs

E-Mail address: kong@kingkongvapejuice.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 2
Eye Damage / Irritation Category 2
H225, Highly flammable liquid and vapour.
H319, Causes serious eye irritation.

2.2 Label elements

Signal word: Danger

Hazard statements: H225, Highly flammable liquid and vapour.
H319, Causes serious eye irritation.

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

P240, Ground/bond container and receiving equipment.
 P241, Use explosion-proof electrical, ventilating and lighting equipment.
 P242, Use only non-sparking tools.
 P243, Take precautionary measures against static discharge.
 P264, Wash hands and other contacted skin thoroughly after handling.
 P280, Wear protective gloves/eye protection/face protection.
 P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337/313, If eye irritation persists: Get medical advice/attention.
 P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
 P403/235, Store in a well-ventilated place. Keep cool.
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Ethyl alcohol	64-17-5	200-578-6		50-100%	Flam. Liq. 2-Eye Irrit. 2; H225-H319,-

Substances with Community workplace exposure limits:

Name	CAS	EC	%
Ethyl alcohol	64-17-5	200-578-6	50-100%

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

Section 7. Handling and storage

7.1 Precautions for safe handling:

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

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

7.3 Specific end use(s):

Flavours: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Ethyl alcohol	64-17-5	200-578-6	UK WEL Long term mgm3	1920
			UK WEL Long term ppm	1000

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear colourless liquid

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In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	17 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.8950 - 0.9150
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

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:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

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).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Based on available data the classification criteria are not met.
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:	Not available
12.2 Persistence and degradability:	Not available
12.3 Bioaccumulative potential:	Not available
12.4 Mobility in soil:	Not available
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:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number:	UN1197
14.2 UN Proper Shipping Name:	EXTRACTS, FLAVOURING, LIQUID

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: II

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

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

Not applicable

Section 15. Regulatory information

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

Water Hazard Class (WGK): 1

15.2 Chemical Safety Assessment

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

Section 16. Other information

Concentration % Limits: EDI 2=77.73%

Total Fractional Values: EDI 2=1.29

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 2	Flammable Liquid, Hazard Category 2
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash hands and other contacted skin thoroughly after handling.
P280	Wear protective gloves/eye protection/face protection.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: Get medical advice/attention.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P403/235	Store in a well-ventilated place. Keep cool.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Hand Sanitiser Liquid

Version: 1

P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
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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.