

SAFETY DATA SHEET

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

1.1 Product identifier :

Product name	HiGel – hand sanitizer
Product discription	hand sanitizer
Product type	liquid (gel)

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

Product use	Hygeienic and surgical hand disinfection
Area of application	Consumer application. Professional application

1.3 Details of the supplier of the safety data sheet:

Ultragel Hungary 2000 Ltd.	
Address:	Hungary, 1023 Budapest, Bécsi út 4.
Tel.:	+36-1 278 3050
Telefax:	+36-1 278 3055
E-mail address of person:	info@ultragel.hu

1.4 Emergency telephone number Supplier:

Telephone number : +36-1 2783050

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Product

Definition: :mixture

Classification according to Regulation (EC) No 1272/2008:

Flammable liquids (Category 2), H225

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 2), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements Labelling according Regulation (EC) No 1272/2008

Hazard symbol or symbols	Not applicable
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H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Close the vessel.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Supplemental label element

2.3 Other hazards

Other hazards which do not classification

Not available

SECTION 3: Composition/information on ingredients

Substance/mixture : **Mixture**

Product/ingredient name	Identifiers	%	Classification
			Regulation (EC) No. 1272/2008 [CLP]
ethanol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	58-62	Flam. Liq. 2, H225 Eye Irrit.
propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	8-10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	Immediately flush eyes with plenty of water.
Inhalation	If inhaled, remove to fresh air. Get medical attention if adverse health effects persist or are severe.
Skin contact	No special measures required.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects	
Eye contact	May cause eye irritation
Inhalation	No known significant effects or critical hazards
Skin contact	Non-irritant to skin
Ingestion	No known significant effects or critical hazards
Over-exposure signs/symptoms	
Eye contact	No specific data
Inhalation	No specific data
Skin contact	No specific data
Ingestion	No specific data

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4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician specialist	Treat symptomatically. Contact poison treatment
Specific treatments	immediatly if large quantities have benn ingested or inhaled No specific treatment.

SECTION 5: Firefighting measures

Flammable liquid

5.1 Extinguishing media

Suitable extinguishing media	Use dry chemical, CO2, water spray (fog) or foam.
Unsuitable extinguishing media	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	Flammable liquid
Hazardous combustion products	Decomposition products may include the following materials: carbon dioxid and carbon monoxid

5.3 Advice fo firefighters

Special precautions for firefighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire
Special protective equipment for firefighters	Firefighters should wear appropriate protective equipments and self-contained breathing apparatus .

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No special measures required.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2 Environmental precautions

Dilute with plenty of water. Avoid contact with soil, waterways, drains and sewers.

6.3 Methods and materials for containment and cleaning up

Largs spill	Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an ppropriate waste.
Small spill	Not applicable

6.4 Reference to other section

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment
See Section 13 for additional waste treatment information

SECTION 7: Handling and storage

7.1 Precautions fo safe handling

Protective measures

Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use non-sparking tools. Take precautionary measures against electrostatic

Advice on general occupational hygiene

Good hygiene practices and housekeeping measures.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container, protected from direct sunlight. Eliminate all ignition sources. Separate from oxidizing materials. Condition for safe storage: max. 30 C°

7.3 Special end use(s)

Recommendations Industrial

According to 1.2. point.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls
Individual protection measures
Hygiene measures

Use with adequate ventilation.

No special measures are required.

Eye/face protection

Safety eyewear complying with an approved standard should be used

Skin protection

No special protection is required

Respiratory protection

No special protection is required

Enviromental exposure controls

Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.

SECTION 9: Physical and chemical properties

9.1 Information of basic physical and chemical properties

Appearance	
Physical state	Liquid (gel)
Colour	colourless
Odour	alcohol like
Odour threshold	Not available
pH	6,5±1
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Closed cap 26,5 °C
Evaporation rate	Not available

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Flammability (solid, gas)	Not available
Burning time	Not available
Burning rate	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	Not available, Miscible in water
Partition coefficient: n- octanol/water	Not available
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity. Brookfield 10rpm at 25°C, spindle #4	6000 - 8000 Mpa.s
Explosive properties	Not available
Oxidising properties	None

9.2 Other information No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity No special test data .

10.2 Chemical stability The product is stable.

10.3 Possible of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources if ignition

10.5 Incompatible materials May react or be incompatible with oxidising materials, reducing materials. Metal.

10.6 Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition product should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	
Oral -	LD50 Rat - 4900 mg/kg
Inhalation	Moderate irritation
Dermal	No irritation
Skin corrosion/irritation	No irritation
Serious eye damage/eye irritation	Moderate eye irritation
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available

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Specific target organ toxicity - repeated exposure No data available
 Aspiration hazard No data available

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish	LC50 (Leuciscus Idus) : 8140mg/l 48 h (Etanol)
Toxicity to daphnia and other aquatic invertebrates	EC5 (E. Sulcatum):65 mg/l 71 h (Etanol)
Toxicity to algae	IC5(Scenedesmus quadricauda):5000 mg/l 16 h(Etanol)
Toxicity to bacteria	EC5 (Pseudomonas putida):6500 mg/l 16 h (Etanol)

12.2 Persistence and degradability

biodegradable

12.3 Bioaccumulative potencial accumulation

Due to the distribution coefficient n-octanol/water, in organisms is not expected

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

PBT
vPvB

Not applicable
Not applicable

12.6 Other adverse effects

No known significant effects or critical hazards

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product is not dangerous material.

Contaminated packaging

may meet the criteria for a hazardous waste.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN number	1170
14.2 UN proper shipping name	ETHANOL solution
14.3 Transport hazard class(es)	3
14.4 Packing group	II
14.5 Environmental hazards	-
14.6 Special precautions for user	Not available

Inland watrway transport (ADN)

Not relevant

Air transport (IATA)

14.1 UN number	1170
14.2 UN proper shipping name	ETHANOL solution
14.3 Transport hazard class(es)	3

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14.4 Packing group	II	
14.5 Environmental hazards	-	
14.6 Special precautions for user	Not available	
Sea transport (IMDG)		
14.1 UN number	1170	
14.2 UN proper shipping name	ETHANOL solution	
14.3 Transport hazard class(es)	3	
14.4 Packing group	II	
14.5 Environmental hazards	--	
14.6 Special precautions for user	Yes	
EmS	F-E S-D	
14.7 According to Annex II of MARPOL 73/78 and IBC code transport in bulk		Not relevant

SECTION 15: Regulatory Information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

15.2 Chemical Safety Assessment

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable

SECTION 16: Other information

Indicates information that has changed from previously issued version.

H statements from section 2 and 3.

Full text of abbreviated H statements	H225	Highly flammable liquid and vapor.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness and dizziness.

Date of issue/ Date of revision 10. October 2010/ 15. August 2015 / 12.Jan 2017/ 10.March 2020

NOTICE

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.