

Safety Data Sheet

HYGIENE 70% - 500 ml.

Issued: 5/1/2020
Version: 1.0.0

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

1.1. Product identifier

Trade name: HYGIENE 70% - 500 ml.

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

Recommended uses: Cleaning and disinfection
Use biocides safely. Always read the label and product information before use.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: TheBarBrand
Address: Skjernvej 142
Zip code: 7500
City: Holstebro
Country: DENMARK
E-mail: mail@thebarbrand.com
Phone: +45 24 82 29 82

1.4. Emergency Telephone Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Flam. Liq. 2;H225 Eye Irrit. 2;H319

Most serious harmful effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause slight irritation to the skin and eyes. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

2.2. Label elements

Pictograms



Signal word: Danger

H-phrases

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

P-phrases

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

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.

Supplemental information

Ethanol (700 g/kg); Propan-2-ol (100 g/kg)

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Ethanol	64-17-5	200-578-6	01-2119457610-43-xxxx	50 - 70%		Flam. Liq. 2;H225 Eye Irrit. 2;H319
Propan-2-ol	67-63-0	200-661-7	01-2119457558-25-xxxx	3 - 10%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin contact: Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.

Eye contact: Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

Burns: Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

General: When obtaining medical advice, show the safety data sheet or label.

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

Irritating to eyes. Causes a burning sensation and tearing. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

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Suitable extinguishing media: Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stop leak if this can be done without risk. Smoking and naked flames prohibited. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Wear gloves. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles if there is a risk of eye splash. Stay upwind/keep distance from source.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking and naked flames prohibited. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Running water and eye wash equipment must be available. Use the product under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Do not expose to heat (e.g. sunlight). Do not store with the following: Strong oxidisers.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Occupational exposure limit:	Contains no substances subject to reporting requirements
Measuring methods:	Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.
Legal basis:	Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2017/164/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2019/983/EU.

8.2. Exposure controls

Appropriate engineering controls:	Wear the personal protective equipment specified below.
Personal protective equipment, eyeface protection:	Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.
Personal protective equipment, hand protection:	Not applicable.
Personal protective equipment, respiratory protection:	Not applicable.
Environmental exposure controls:	Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Colourless
Odour	Solvent
Solubility	Solubility in water: Miscible
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	< 21 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	~ 0.86 g/cm ³	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	

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Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.

Acute toxicity - dermal: The product does not have to be classified. Test data are not available.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation: May irritate the skin – may cause reddening. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation: Irritating to eyes. Causes a burning sensation and tearing.

Respiratory sensitisation or skin sensitisation: The product does not have to be classified. Test data are not available.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

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Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	Test data are not available for all substances Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

Ethanol, cas-no 64-17-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Pimephales promelas	96 h	96hLC50	15300mg/l		US-EPA	
Fish	Oncorhynchus mykiss	24 h	24hLC50	11200mg/l		US-EPA	
Fish	Oncorhynchus mykiss	96 h	96hEC50	13000mg/l		US-EPA	
Crustacea	Artemia salina	24 h	24hEC50	858mg/l		OECD 202	
Crustacea	Daphnia magna	48 h	48hEC50	12340mg/l		ASTM E 729-80	
Algae	Chlorella vulgaris	72 h	72hEC50	275mg/l		OECD 201	
Bacteria	Paramaecium caudatum	4 h	EC50	5800mg/l			
Crustacea	Ceriodaphnia dubia	48 h	48hLC50	5012mg/l		ASTM E 729-80	
Algae	Chlorella vulgaris	72 h	EC10	11.5mg/l		OECD 201	

Propan-2-ol, cas-no 67-63-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Name of species not specified	8 d	LOEC	1000mg/l			
Fish	Pimephales promelas		96hLC50	9640mg/l		OECD 203	
Crustacea	Daphnia magna		24hLC50	9714mg/l		OECD 202	
Algae	Scenedesmus subspicatus		72hEC50	100mg/l			
Bacteria			EC50	> 100mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Ethanol, cas-no 64-17-5

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Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				97%	Readily biodegradable.	OECD 301 B	

Test data are not available for all substances Expected to be biodegradable.

12.3. Bioaccumulative potential

Ethanol, cas-no 64-17-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				- 0.35			
			BCF	0.66	No significant bioaccumulation.		

Propan-2-ol, cas-no 67-63-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				0.05	No significant bioaccumulation.		

No bioaccumulation expected.

12.4. Mobility in soil

Ethanol, cas-no 64-17-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Adsorption is not expected.		

Test data are not available for all substances Expected to be mobile in soil.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not discharge large quantities of concentrated spills and residue into drains.

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

Empty, cleansed packaging should be disposed of for recycling.

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste:

EWC code: Depends on line of business and use, for instance 14 06 03* other solvents and solvent mixtures

Absorbent/cloth contaminated with the product: EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

SECTION 14: Transport information

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Land transport (ADR/RID)

14.1. UN-No.:	1987	14.4. Packing group:	II
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (Ethanol) (Propan-2-ol)	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Hazard identification number:	33	Tunnel restriction code:	D/E

Inland water ways transport (ADN)

14.1. UN-No.:	1987	14.4. Packing group:	II
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (Ethanol) (Propan-2-ol)	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Transport in tank vessels:	-		

Sea transport (IMDG)

14.1. UN-No.:	1987	14.4. Packing group:	II
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (Ethanol) (Propan-2-ol)	14.5. Environmental hazards:	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	3	Environmental Hazardous Substance Name(s):	
Hazard label(s):	3	IMDG Code segregation group:	- None -
EmS:	F-E, S-D		
Other Information:	-		

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:	1987	14.4. Packing group:	II
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (Ethanol) (Propan-2-ol)	14.5. Environmental hazards:	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
14.6. Special precautions for user			

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

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Special Provisions:

Covered by:
Directive 2012/18/EU (Seveso), P5c FLAMMABLE LIQUIDS: Column 2: 5000 t, Column 3:
50000 t.
Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May
2012 concerning the making available on the market and use of biocidal products.

Batch number and expiration date appears from the packaging.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	5/1/2020	Bureau Veritas HSE / MPE	-

Abbreviations:
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components.

List of relevant H-statements

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

SDS is prepared by

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