

Safety Data Sheet
Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

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

1.1. Product identifier

Product Name Aseptoderm 2% CHG

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

Use of the substance/mixture Skin disinfectant

1.3. Details of the supplier of the safety data sheet

Producer Dr Schumacher Kimya Sanayi ve Ticaret A.Ş.
İbni Melek Organized Industrial Zone
5th Road No: 42 Tire/ IZMIR/ TURKEY
Phone: 0 232 513 50 05
Fax: 0232 853 94 87
www.schumacher-online.com.tr

Contact person Sibel Yağmur
Sibel.Yagmur@schumacher-online.com

1.4. Emergency telephone number:

TEL: +90 232 513 50 05

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards Flam. Liq. 2 - H225
Human health Eye Irrit. 2 – H319, STOT SE 3 – H336
Environment Aquatic Chronic 3 – H412

Full text of H and EUH statements: see section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

Signal word Danger



Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed

Safety Data Sheet
Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

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.
P501 Dispose of contents/container to approved disposal company or local collection.

2.3. Other hazards

Vapours may form explosive mixture with air.
The product is not considered to be PBT and vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Alcoholic solution

Hazardous components

Chemical name	EC No.	CAS No.	Quantity	Classification (EC) No 1272/2008)
Propan-2-ol	200-661-7	67-63-0	59 - 66%	Flam. Liq. 2 – H225 Eye Irrit. 2 – H319 STOT SE 3 – H336
Chlorhexidin digluconat	242-354-0	18472-51-0	< 2,5%	Eye Dam. 1 – H318 Aquatic Acute 1 (M-Factor = 10) – H400 Aquatic Chronic 1 (M-Factor = 1) – H410

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately. If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours. In the event of symptoms refer for medical treatment.

After ingestion

Induce vomiting only upon the advice of a physician. Immediately give plenty of water (if possible charcoal slurry). Summon a doctor immediately.

After contact with skin

No specific precautions required.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids. Seek medical treatment by eye specialist.

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

Causes serious eye irritation.

May cause drowsiness or dizziness.

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

Treat symptoms.

Safety Data Sheet
Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.

Unsuitable extinguishing media: Full water jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce: Carbon monoxide (CO), carbon dioxide (CO₂).

5.3. Advice for firefighters

Use breathing apparatus with independent air supply.

Protective suit.

Additional information

Keep away from sources of ignition - No smoking.

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

6.4. Reference to other sections

Observe protective instructions see Section 8.

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.

Use only in thoroughly ventilated areas.

Advice on protection against fire and explosion

Do not smoke - volatile.

Keep product and empty container away from heat and sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Advice on storage compatibility

Incompatible with oxidizing agents.



Safety Data Sheet Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Skin disinfectant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

When using do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

Do not breath vapours or spray mist.

Avoid contact with the eyes.

Eye/face protection:

If used properly, no need to wear eye protection. Otherwise wear protective goggles with integrated side shields.

Skin protection:

Long sleeved clothing (EN 368).

Respiratory protection

No personal respiratory protective equipment normally required.

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A) (EN 14387).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Colourless
Odor:	Alcoholic
pH-value:	7,11
Changes in the physical state	
Melting point:	< -20 °C
Initial boiling point and boiling range:	> 85 °C
Flash point:	20 °C
Low Explosion limits:	2 vol. %
High Explosion limits:	12 vol. %
Ignition temperature:	> 485 °C
Density (at 20 °C):	approx. 0,878 g/cm ³
Water solubility (at 20 °C):	Miscible
Viscosity / dynamic (at 20 °C):	approx. 9 mPa·s
Solvent content:	59% - 66%

**Safety Data Sheet
Aseptoderm 2% CHG**

According to Regulation (EU) No 2015/830

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4. Conditions to avoid

Vapour/air mixtures are explosive at intensive warming.
Heating can release vapours which can be ignited.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxic dose – product

Based on available data the classification criteria are not met.
No toxicological data available.

Irritation and corrosivity

Causes serious eye irritation.
Skin irritation: Not classified.

Sensitising effects

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness. (Propan-2-ol)

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

Practical experience

Other observations

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Safety Data Sheet
Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.
Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Propan-2-ol; Readily biodegradable (to OECD criteria).

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects

Low hazard to waters.

Further information

Do not discharge into surface waters/groundwater.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of contents/container to approved disposal company or local collection.

Waste disposal number

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors
Classified as hazardous waste.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number

UN 1219

14.2. UN proper shipping name

ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3. Transport hazard class(es)

3

14.4 Packing group

II

Hazard label

3



Classification code

F1

Limited quantity

1 L/30 kg

Excepted quantity

E2

Transport category

2



Safety Data Sheet
Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

Hazard No	33
Tunnel restriction code	D/E
Inland waterways transport (ADN)	
14.1. UN number	UN 1219
14.2. UN proper shipping name	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es)	3
14.4 Packing group	II
Hazard label	3 
Classification code	F1
Limited quantity	1 L/30 kg
Excepted quantity	E2
Marine transport (IMDG)	
14.1. UN number	UN 1219
14.2. UN proper shipping name	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es)	3
14.4 Packing group	II
Hazard label	3 
Marine pollutant	no
Limited quantity	1 L/30 kg
Excepted quantity	E2
EmS	F-E, S-D
Air transport (ICAO)	
14.1. UN number	UN 1219
14.2. UN proper shipping name	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es)	3
14.4 Packing group	II
Hazard label	3 
Passenger LQ/ Limited quantity Passenger	Y341 / 1 L
Excepted quantity	E2
IATA-packing instructions - Passenger	353
IATA-max. quantity - Passenger	5 L
IATA-packing instructions - Cargo	364
IATA-max. quantity - Cargo	60 L
14.5. Environmental hazards	no
14.6 Special precautions for user	Take the usual precautions when handling with chemicals.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	The transport takes place only in approved and appropriate packaging.

Safety Data Sheet Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

SECTION 15: Regulatory information

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

2004/42/AT (VOC):	63 %
2021/18/AB (SEVESO III):	P5c FLAMMABLE LIQUIDS

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16 Other information

Abbreviations and acronyms

ADR: European Agreement on International Carriage of Dangerous Goods by Road.
ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement on International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
TWA: Time weighted average
ATE: Estimated value of acute toxicity
EC No: European Community number
CAS: Chemical Theory Service.
LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).
LC50: Substance concentration causing 50% (half) death in the test animals group.
EC50: Effective Concentration of the substance causing the maximum of 50%.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent, Very Biofriendly.
SEA: Classification, labeling, packaging regulation
DNEL: Derivative Inactive Level
PNEC: Estimated Unaffected Concentration
BHOT: Specific Target Organ Toxicity

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long-lasting effects
H412 Harmful to aquatic life with long lasting effects.

Justification for classification

Flam. Liq. 2	: Experimental data
Eye Irrit. 2	: Calculation method
STOT SE 3	: Calculation method
Aquatic Chronic 3	: Calculation method

Information sources

This SDS is regulated by information received from the product owner.
ECHA – www.echa.europa.eu

Editor note

This SDS is based on information and documentation from the product owner. The SDS preparer cannot be held responsible for incorrect or incorrect editing of the prepared SDS and therefore the material damages and moral problems that the product owner will face due to the missing or incorrect information and documents.

Safety Data Sheet
Aseptoderm 2% CHG

According to Regulation (EU) No 2015/830

Disclaimer

This information relates only to a specific specific substance and should not be used in a composition or any process in which the same substance is used in combination with other substances. The information given in this document is accurate and reliable as of the date specified within the company's high level knowledge and opinion. It is the responsibility of the user to be convinced of the suitability of this information for their own use.