
1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. PRODUCT NAME: INTERSEPT ANTISEPTIC GEL**1.2. IDENTIFIED USES:** Antiseptic for hands and body**1.3. DETAILS OF THE MANUFACTURER/SUPPLIER:**

Interchemie Werken De Adelaar Eesti AS
Vanapere tee 14, Püünsi village, Viimsi
74013 Harju county
Estonia
Tel. +372 6 005 005

1.4. Emergency telephone number (24 h): Emergency telephone: Estonia 112
Estonian Poison Center: 16662, +372 794 3794

2: HAZARDS IDENTIFICATIONS

2.1 Classification according to Regulation (EC) No 1272/2008**Physical hazards** Flam. Liq. 2; H225**Health hazards** Eye Irrit. 2; H319**Environmental hazards** N/A**2.2 Label elements**

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

Signal word: Danger**Hazard pictograms**

GHS02



GHS07

**Hazard statements**

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

Precautionary statements

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.

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- P243 Take precautionary measures against static discharge.
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.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local regulations.

Supplemental hazard information (EU): Not applicable.

2.3 Other hazards

Assessment of persistent, bioaccumulative and toxic and very persistent and very bioaccumulative properties.

PBT: not applicable, **vPvB:** not applicable.

3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Classification according to Regulation (EC) No 1272/2008

Hazardous components

INGREDIENT NAME	CAS No. EC No.	% (w/w)	Classification according to Regulation (EC) No 1272/2008
Ethanol	CAS no. 64-17-5 EC no. 200-578-6	71%	Flam.Liq.2; H225 Eye Irrit..2; H319
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	CAS no. 68391-01-5 EC no. 269-919-4	< 0.01%	Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Eye Dam.; 1; H318 Aquatic Acute; 1; H400
Quaternary ammonium compounds, Alkyl (C12-14) dimethyl (ethylbenzyl) ammonium chloride (ADEBAC (C12-C14))	CAS no. 85409-23-0 EC no. 278-090-7	< 0.01%	Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 Aquatic Chronic; 1; H410

4: FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1. General information:

Eye contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses, if present and easy to do. Get medical advice/attention, if eye irritation persists.

If possible, show product label / safety data sheet to physician.

Inhalation: The affected person should be shift to fresh air.

Ingestion: Immediately seek medical advice. Rinse mouth and give plenty of water to dilute the concentration of the product. Do not induce vomiting without consulting a doctor.

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

No further relevant information available.

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

Notes for the doctor: Treat symptomatically.

5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use fireextinguishing media appropriate for surrounding materials.

Water spray, alcohol-resistant foam, dry extinguishing powder, carbon dioxide (CO₂).

5.2 Special hazards arising from the substance or mixture

Highly flammable.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear appropriate protective clothing and self-contained breathing apparatus.

Use water spray to cool unopened containers.

6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes. Avoid inhalation of vapours. No smoking,

6.2 Environmental precautions

Make sure that spills can be diluted with plenty of water. Do not allow entering sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Small spills can be wiped off and rinsed with water. Large spillages: absorb spillages with non-combustible, absorbent material (eg sand, earth, other non-combustible material). Collect in a suitable container and dispose as hazardous waste in accordance with local regulations.

6.4. Reference to other sections

Information for safe handling and personal protection: See section 7. and 8.

Disposal methods: See section 13.

7: HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures are required if used properly.

Handling: Avoid contact with eyes. Provide good ventilation/exhaustion. Do not smoke!

Keep away from source of heat.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Store in a tightly closed original container in well-ventilated room.

Keep away from heaters, hot surfaces, flammable materials and protect from direct sunlight.

Take precautionary measures against electrostatic charges.

Store below 25 °C.

7.3. Specific end use(s)

No further relevant information available.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ethanol - CAS no: 64-17-5

The substance is in the list of Estonian Occupational Exposure Limits.

Exposure limit (1d): 500 ppm; 1000 mg/m³

Short-term exposure limit (max 15 min): 1000 ppm; 1900 mg/m³

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. All handling should only take place in well-ventilated areas.

Hand protection: Not relevant.

Skin protection: Not relevant.

Eye protection: Goggles, if necessary.

Respiratory protection: In case of poor ventilation respiratory protective equipment must be used.

9. PHYSICAL AND CHEMICAL PROPERTIES

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9.1 Information on basic physical and chemical properties

9.1.1	Physical state	Gel
9.1.2	Colour	Clear, colourless
9.1.3	Odour	With a distinctive odour of alcohol and lemon
9.1.4	Initial boiling point (1% solution)	Not determined
9.1.5	pH (20 ⁰ C)	5.5 – 7.5
9.1.6	Density (20 ⁰ C)	0.862 – 0.902
9.1.7	Self-igniting	Product is not self-igniting
9.1.8	Explosive properties	Product is not explosive
9.1.9	Solubility in water	Miscible with water
9.1.10	Viscosity	Not determined
9.1.11	Flash point	Not determined
9.1.12	Partition coefficient: noctanol/ water	Not determined

9.2 Other information

No further information is available.

10. STABILITY AND REACTIVITY

10.1	Reactivity	No data available.
10.2	Chemical stability	Stable under normal condition.
10.3	Possibility of hazardous reactions:	Keep away from sources of ignition.
10.4	Conditions to avoid	Avoid excessive heat, open flame.
10.5	Incompatible materials	No data available.
10.6	Hazardous decomposition products	No data available.

11. TOXICOLOGICAL INFORMATION

The mixture has not been tested - the following data characterize the hazardous components of the mixture.

11.1. Information on toxicological effects

Acute Toxicity:

Ethanol – CAS nr: 64-17-5

Acute oral toxicity (LD50): 7.060 mg/kg (rat)

Acute inhalation toxicity (LC50): 95,6 mg/l (rat), 4 h

Primary irritant effect

Eye contact: irritation to eyes.

Respiratory or skin sensitisation: No data available.

Further information on toxicity: No data available.

Quaternary ammonium compounds (CAS no 68424-85-1)

Acute oral toxicity (LD50): ca 344 mg/kg (rat)

Acute dermal toxicity (LD50): ca 344 mg/kg (rabbit), 24h

Primary irritant effect

Skin contact: caustic, rabbit, DOT method, 24h

Eye contact: caustic, rabbit, DOT method

11.2 Potential acute health effects: No data available.

12. ECOLOGICAL INFORMATION

The information in this section solely refers to the potential hazards of the individual ingredients. The ecotoxicological properties of the mixture have not been investigated.

12.1 Toxicity

Aquatic toxicity

Ethanol – CAS nr: 64-17-5

Toxicity to fish: LC50 = 8,140 mg/l, exposure time 96 h, *Leuciscus idus*

Toxicity to *Daphnia magna*: EC50 = 9.000 – 14.000 mg/l, exposure time 48 h

Quaternary ammonium compounds (CAS no 68391-01-5)

Toxicity to fish: LC50 = 0.28 mg/l, exposure time 96 h, *Pimephales promelas*

Toxicity to *Daphnia magna*: EC50 = 0.0042 mg/l, exposure time 21 days

Toxicity to algae: ErC50 – 0.049 mg/l, *Chlorella vulgaris*, exposure time 72h - OECD Test Guideline 201

12.2 Persistence and degradability

Biodegradability:

CAS nr: 64-17-5

> 90% (biotic/abiotic), 1d

CAS no: 68424-85-1

> 90% - OECD Test guide 303A

> 99% - OECD Test guide 302A

CO2 emission test: 95.9% - rapidly biodegradable – 28 days – OECD Test guide 301B

12.3 Bioaccumulative potential

The product does not bio-accumulate.

12.4 Mobility in soil

Distribution in the environment

No data available.

12.5 Results of PBT and vPvB assessment

PBT: not applicable.
vPvB: not applicable.

12.6 Other adverse effects

No further data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods**Disposal methods**

Dispose of in accordance with the Directive 2008/98 / EC and the local regulations.

Do not empty into drains. Do not allow chemical or used uncleaned packaging to get into watercourses, waterways or ditches.

14. TRANSPORT INFORMATION

14.1. UN number.

ADR/RID/IMDG/IATA: 1170

14.2. UN proper shipping name

ADR/RID/IDMG/IATA: Alcohols, n.o.s. (ethanol)

14.3. Transport hazard class(es)

ADR/RID/IMDG/IATA: 3

14.4. Packing group

ADR/RID/IMDG/IATA: II

14.5. Environmental hazards

ADR/RID/IMDG/IATA: No.

14.6. Special precautions for user

No data.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

15. REGULATORY INFORMATION

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

No restrictions applicable, according to appendix XVII of REACH.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out by the supplier.

16. OTHER INFORMATION

Further information

The information provided in this Safety Data Sheet is based on the current state of knowledge at the time of publication.

The information is designed only as a guidance for safe handling, use, processing, storage,

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transportation, disposal and release and shall not be considered a warranty or quality specification of any type.