

DATA SHEET

Hanogel

1. Identification of the substance/preparation and of the company/undertaking

Product: Hanogel
Company: Kingfisher Sales & Marketing
PO Box 100
Aberdare
R.C.T
CF44 8YX
Tel.: 0845 0700 626
Fax: 0845 0700 625
E-mail: info@kingfishersales.com

2. Ingredients according to INCI:

		CAS-nr.: v/v %
Ethyl alcohol	64-17-5	40-80
Aqua	7732-18-5	20-40
Isopropyl alcohol	67-63-0	5-10
Glycerin	56-81-5	1-5
Polyacrylic acid	9003-01-4	< 1
Tetrahydroxypropylethylenediamine	102-60-3	< 1

3. Hazards Identification

Inflammable.
The solution is denatured and therefore not suitable for consumption.

4. First-aid measures

General: If necessary, seek medical advice and bring the label. The doctor can apply to the Poison Control Hotline tel. +45 8212 12 12.
Inhalation: Bring the person into fresh air.
Contact with skin: Is intended for use on the skin, but in open wounds some irritation may occur.
Contact with Eyes: Rinse thoroughly with water.
Ingestion: Rinse mouth thoroughly with water. Do not provoke vomiting. If necessary, seek medical advice and bring data sheet and label.

5. Fire-fighting measures

General: Inflammable. Fire classification II-2.
Precautions: Should be stored safely on account of the danger of fire and the danger of explosion. No fire, no smoking etc. In case of fire remove or cool down the containers.
Special risks: The vapours may create explosive matters with air.
Fire extinguisher: Powder, carbon dioxide or water in large quantities.

6. Accidental release measures.

Ecological precautions: Smaller quantities should be removed with plenty of water. Larger quantities should be mixed with an inactive absorber.
Personal precautions: Follow directions of Fire classification II-2.

7. Handling and storage

Handling: Follow directions of Fire classification II-2.
Storage: Best at 0-30°C.

8. Exposure controls / personal protection

No smoking, no open fire, no welding or sparks near the product. Damp clothes should be taken of.

TLV:		
Product	CAS-no.	TLV
Alcohol	64-17-5	1900 mg/m ³
Isopropyl Alcohol	67-63-0	490 mg/m ³

9. Physical properties

Appearance: Clear
Form: Gelly
Odour: Ethanol
Boiling point: 78°C
Density: 870 kg/m³
Viscosity: 10.000 - 15.000 cps at 20°C
Free alkali: None
Flash point: 45°C
Explosive properties: 2-19 vol%
Water solubility: 100%
pH: 7,5-8,5

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HANOSEL

10. Stability and reactivity

Special properties or risks:

If the temperatures exceed the flash point, in very warm rooms or near fire, vapours will occur which can create very explosive matters in contact with air.

11. Toxicological information

Acute toxicity:

-

Hazards to health:

Should not be used for anything but disinfection.

Inhalation:

Longer periods of inhaling of high concentrations may cause irritation in nose and throat, tiredness and dizziness.

Contact with skin:

May cause incidentally smarting.

Contact with eyes:

May cause incidentally smarting.

Ingestion:

May cause smarting in mouth and throat. Consumption of larger quantities will cause vomiting.

12. Ecological information

Mobility:

Is easily spread in water.

Degradability:

BOD28>90%.

Accumulation:

Not bio accumulated.

Ecotoxicity:

Toxicity on fish: LC50>100 mg/l.

13. Disposal

Chemical disposal card no.:

3.13.

Chemical disposal group:

14. Transport information

FN - nr.:

1987

ADR.: (vej)

Class 3, PG III, alcohols n.o.s.

RID: (jernbane)

Class 3, PG III, alcohol n.o.s.

IMDG: (skib)

Class 3, PG III, EmS F-E, S-D, MFAG 305, alcohols n.o.s.

IATA: (fly)

Class 3, alcohol n.o.s.

15. Regulatory information

R10:

Inflammable

S2:

Keep out of reach of children

S7:

Packaging must be tightly closed

S16:

Keep away from ignition sources – No smoking

Other:

May cause damages on packaging, lacquered and painted surfaces, protective and proofing fat coverings and rubber materials.

Further information available on info@kingfisher.com or tel. 0845 0700 626.

16. Other information

Application:

For disinfection of the skin.

Directions for use:

Use in prescribed quantity on clean and dry hands.

Apply very thoroughly.

Dries in about 1 minute.

Documentation on effect:

Hanogel is tested and approved as hand disinfection according to EN 12054 and EN 1500.

Shelf life:

30 months.

Signed:

Jørgen Hyldgaard

Reference:

Hanogel

Revised:

26.10.2006 Version: 2.3 Revised version: 2.2