

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Hibi Gel Hand Rub+

Use Surgical hand disinfection/hygenic hand disinfection

Supplier Molnlycke Health Care
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Irlam
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2. HAZARDS IDENTIFICATION

EC Classification R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.



Highly flammable.



Irritant.

Hazards

Highly flammable. Highly flammable vapours.
Vapours may cause drowsiness and dizziness.
Irritating to eyes.
Ingestion : May cause headache, nausea and vomiting.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION Surgical hand disinfection/hygenic hand disinfection

Risk Phrases R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.

HAZARDOUS INGREDIENT(S)

	CAS No.	EC No.	%W/W	Hazard Symbol	Risk Phrases
Propan-2-ol	67-63-0	200-661-7	30-60	F Xi	R11 R36 R67
Chlorhexidine gluconate	18472-51-0	242-354-0	2	Xi N	R41 R50

4. FIRST AID MEASURES

Ingestion Do not induce vomiting. If symptoms develop, obtain medical attention.

Inhalation Remove persons affected by vapour to fresh air. If symptoms develop, obtain medical attention.

Skin Contact Remove contaminated clothing. Wash affected skin with soap and water. If symptoms persist, obtain medical attention.

Eye Contact If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

General:	Highly flammable. Highly flammable vapours. Flash Point (°C) : 16 (Abel closed cup) Auto Ignition Temperature (°C) : >400. Keep containers cool by spraying with water if exposed to fire.
Extinguishing Media	Water spray, foam, dry powder or CO2.
Unsuitable Extinguishing Media	None.
Fire Fighting Protective Equipment	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.
Other	Hazardous Decomposition Product(s) : Carbon monoxide, Carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses. Ensure adequate ventilation.

Personal Protection	In case of insufficient ventilation, wear suitable respiratory equipment. Apron or other light protective clothing, boots and plastic or rubber gloves.
Methods for cleaning up	Adsorb spillages onto sand, earth or any suitable adsorbent material. Sweep up carefully with non-sparking tools. Contaminated adsorbent must be removed in sealed, plastic lined drums and disposed of via an authorised waste disposal contractor. Subsequently flush road with water.
Other	Highly flammable. Avoid friction, sparks, or other means of ignition.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid friction, sparks, or other means of ignition. When using do not eat, drink or smoke. Do not breathe vapour.
Process Hazards	Highly flammable. Eliminate sources of ignition. Vapours may cause drowsiness and dizziness. Avoid inhalation of vapours.
STORAGE	Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed and dry. Keep away from direct sunlight. Keep away from: Strong oxidising agents.
Storage Temperature	Keep container tightly closed and at a temperature not exceeding (°C): 25
Specific use	Surgical hand disinfection/hygenic hand disinfection

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General: Adequate ventilation must be used.



Respirators

In case of insufficient ventilation, wear suitable respiratory equipment.



Eye Protection

Goggles giving complete protection to eyes.

**Gloves**

Not normally required. For large quantities - Plastic or rubber gloves.

Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Propan-2-ol	67-63-0	400	999	500	1250	

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid.
Colour	Colourless.
Odour	Alcohol-like.
Boiling Point (°C)	>79
Specific Gravity	0.82 - 0.91 g/cm ³
Viscosity (mPa.s)	145
Flash Point (°C)	16 (Abel closed cup)
Auto Ignition Temperature (°C)	>400
Solubility (Water)	Completely miscible with water.

10. STABILITY AND REACTIVITY

Stable under normal conditions.

Hazardous Reactions Can react with - Strong oxidising agents.**Incompatible materials and conditions:** Keep away from moisture.

Strong oxidising agents.

Hazardous Decomposition Product(s) Carbon monoxide, Carbon dioxide**11. TOXICOLOGICAL INFORMATION**

Mild irritant to rabbit skin.

Inhalation Vapours may cause drowsiness and dizziness.**Ingestion** Headache, nausea and vomiting.**Skin Contact** Unlikely to cause skin irritation.**Eye Contact** Irritating to eyes.**12. ECOLOGICAL INFORMATION**

Avoid release to the environment.

Environmental Fate and Distribution No environmental hazards have been reported or known.**Persistence and Degradation** No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of this material and its container to hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Classification (Tankers)



UN No.	1993
Class	3
UN Pack. Group	II
Proper Shipping Name	Flammable liquid, N.O.S. (Contains Isopropanol)

Road/Rail

ADR/RID Class	3
HAZARDS IDENTIFICATION ADR/RID	33

SEA

: primary Class	3
UN Packing group Sea	II
Marine Pollutant	No.
IMDG EMS	F-E, S-E

AIR

ICAO/IATA	
: primary Class	3
UN Packing group Air	II

15. REGULATORY INFORMATION

European Regulations

Trade name	Hibi Gel Hand Rub+
Company Identification	Molnlycke Health Care



Highly flammable. Irritant.

Hazard Symbol	F Xi
Risk Phrases	R11: Highly flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness.
Safety Phrases	S7: Keep container tightly closed. S16: Keep away from sources of ignition - No smoking. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

USE Surgical hand disinfection/hygenic hand disinfection

Risk Phrases

R11: Highly flammable. R36: Irritating to eyes. R41: Risk of serious damage to eyes. R50: Very toxic to aquatic organisms. R67: Vapours may cause drowsiness and dizziness.