



MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification

Product Information

Trade Name : Detroderm Gel
Product Name : **Hand Antiseptic**
Manufacturer : Detro Healthcare Kimya Sanayi A.Ş.
Manufacturer Address : Atatürk mh. Adnan Menderes cd. No:7 Esenyurt/İstanbul-Turkey
Manufacturer Phone : 0(212) 659 77 60 (for emergency calls)
Manufacturer Fax No : 0(212) 659 77 63

2. Composition / Information on Contents

Chemical Definition:

Critical materials which product comprise		Contents
CAS: 67-63-0 EINECS:200-661-7	Propan-2-ol (Isopropyl alcohol) R: 11, 22, 36, 67	%60 – 80
CAS: 107-88-0 EINECS:203-529-7	1,3 Butanediol R: 22 - 36	%0,1 – 0,5

3. Hazards Identification

R 11: Highly flammable.
R 22: Harmful if swallowed.
R 36: Irritating to eyes.
R 67: Vapours may cause drowsiness and dizziness

GHS02 – Danger or Warning Flammable

4. First Aid Measures

Eyes: Keep your eyes open under the water for a few minutes and apply to your physician.
Skin: Product do not usually irritate the skin
Ingestion: Drink plenty of water and apply to your physician.
In case of long term inhalation, bring the victim to fresh air.

If the patient does not breathe, try to breathe the patient by mouth or mechanical way.

5. Fire Fighting Measures

Highly flammable.

Suitable extinguishing agents are carbondioxide, foam and powder.

Fire extinguishers must be ready to use.

Do not inhale the existing gases, wear suitable mask

For combating with fire, use protecting clothes and equipment.

6. Accidental Release Measures

Personal Security Measures: Use protected equipment. Do not approach to anybody who is not using protective equipment. Avoid contact with chemicals. Avoid breathing chemicals.

Environmental Protection Measures: Prevent to blend chemicals with waste channel and surface water. In case of mixing, inform the legal authorities.

Cleaning Method: Provide liquid binding agents (sand, acid binding, sawdust) to be absorbed. After removing the chemicals, clean the affected area.

7. Usage and Storage

Usage:

Warnings for safety of work: Ensure the well ventilation of the workplace

Use for Special purpose

Don't need to have special precautions

Do not inhale the chemical substance

Do not contact with the chemical

Storage:

Keep the chemicals in well-ventilated area in 15-25°C. Avoid direct sun light.

Do not store more than four package over and over

8. Exposure Controls / Personal Protection

General Protection and Health Provisions:

Keep them away from foodstuffs and drinks.

Avoid from skin and eye contact.

During the work, use face mask, bonnet, glove and goggles.

The gloves must comply with EC Instruction 89/686/EEC and EN-374.

After the cleaning work, wash your hands and your face plenty of water.

Change dirty or contaminated clothes immediately.

If you are exposed to chemicals for a long time, take a shower at work place.

Use a protective cream for your hands.

9. Chemical and Physical Properties

General Information	
Parameter	Description
Physical Appearance	Liquid Clear
Appearance Color	Colourless
Odor	Characteristic
pH	5,0 – 6,0
Density (20°C)	0,876 +/- 0,05g/cm ³
Solubility in water	Soluble

10. Stability and Reactivity

Stability:

Product is stable in usual handling and storage conditions.

Dangerous dissolution and disintegration products:

There is no dissolution and disintegration if it is used appropriate

11. Toxicological Information

Product Composition	LD ₅₀ Values	
	LD ₅₀ oral rat	LD ₅₀ rat
Isopropyl Alcohol	5045 mg/kg	12800 mg/kg
1,3 Butanediol	N/A	N/A

Irritation Effects:

It can cause eye irritation.

Extra Toxicological Information:

It has no stimulant effect on skin

12. Ecological Information

There is no information about ecological effects for his product.

13. Disposal Information

Product Disposal Information:

Chemical agents must be thrown by considering national standards.

Package Disposal Information:

Packages must be destroyed by considering national standards.

14. Transport Information

Land Transportation:

UN: 1219; Class 3; Package II;

Sea Transportation:

UN: 1219; Class 3; Package II;

Airline transportation:

UN: 1219; Class 3; Package II;

15. Regulatory Information

This Product Safety Information Form is prepared accordingly with Ministry of the Environment Department's 11-03-2002 dated and 24692 numbered "Preparation of Safety Information Forms bases and procedure".

It is complying with Ministry of the Environment Department's 11-07-1993 dated and 21634 numbered "Dangerous Chemicals Procedure".

16. Other Information

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