

MATERIAL SAFETY DATA SHEET

Substance/Mixture name: DETRODERM HAND&SKIN ANTISEPTIC

Preparation date : 30.04.2019

Revision date: -

Revizyon No:00

Form No:DET1604310301

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

1.1 Substance/Mixture Identification

Product's Commercial Name : DETRO DERM HAND&SKIN ANTISEPTIC

Product Name : DETRO DERM HAND&SKIN ANTISEPTIC

1.2. . Relevant identified uses of the substance or mixture and uses advised against : is used as hand disinfectant at medical and public area.

1.3. Details of the supplier of the safety data sheet : Detro Healthcare Kimya San. A. Ş.

Company:

Address: : Atatürk Mah. Adnan Menderes Cad. No: 7 Esenyurt / İstanbul

Tel : +90 212 659 77 62 (pbx)

Fax : +90 212 659 77 63

Contact person : Anıl Köse

E-mail : anil.kose@detrox.com.tr

Web : www.detrox.com.tr

1.4. Emergency telephone number : +90 212 659 77 62 (at working hours)

National Poison Information Center (UZEM) : 114

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1. Classification of the Substance or Mixture

“According to the Regulation on Classification, Labeling and Packaging of the Substances and Mixtures (SEA):

Danger

Flame Liquid 2 GHS02 H225



Eye Irrit. 2. H319

GHS07

BHOT Tek Mrz. 3 H336



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2.2. Label Elements: This product / substance was classified and labeled according to the Regulation on Classification, Labeling and Packaging of the Substances and Mixtures.

Hazard Signs: GHS02,GHS07

Signal Word: Danger

Hazard-determining components: contains Propan-2-ol (isopropyl Alcohol) (Cas no:67-63-0)

Hazard Statements (H):

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Additional Hazard Statements: n/a.

Precautionary Statements (P):

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking..

P243: Take precautionary measures against static discharge

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P312: Call a POISON CENTER/doctor/...if you feel unwell.

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local rules.

Immediate and delayed significant symptoms and effects:

Acute Hazards:

Eyes: This product irritates eyes. It may give redness, lacrimation, pain and severe damage to eyes.

Other Hazards: None. Not a PBT and/or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

General Description and Concentrations of Hazardous and Hazardous Substances in the Composition of this Product:

Substance or Compound	Cas No	EC No	Concent. w/w%	Safety Phrases, Hazard Class	TMMY Class R Phrases
Propan-2-ol (isopropyl alcohol)	67-63-0	200-661-7	60-80	Flame liquid 2. H225 Eye Irrit. 2. H319 BHOT Tek kat.3. H336	R11 R36 R67

Note: The definitions of risk phrases are described in the Section 16.

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4. FIRST AID MEASURES

4.1. Description of first aid measures

4.1.1 General Measures:

Ingestion: Call an ambulance or call the Poison Information Center. Drink plenty of water or milk to dilute the product. Do not induce vomiting unless told by the doctor.

Never give anything by mouth to an unconscious patient.

Inhalation: Call a doctor when there is significant discomfort, go to the fresh air. Vapors can cause dizziness and drowsiness.

Skin contact: Wash off with plenty of water as a result of accidental spillage. Item contaminated clothes are removed.

Eye contact: Wash eyelids with plenty of water while keeping them open, contact a doctor if any uncomfortable improvement occurs and continue washing with water.

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

N/A

4.3. First signs for medical intervention and special treatment requirement

In case of itching in the eyes, washing operations should be started with plenty of water..

5.FIREFIGHTING MEASURES

Specific Dangers: Easy Flammable

5.1. Extinguishing media: Alcohol-resistant foam, Water spray, Dry chemical powder, Carbon dioxide (CO2)

Do not discharge extinguishing water into aquatic environments.

A sudden intervention should be made to the fire exit without any possible danger.

Unsuitable extinguishing media: do not use water jet.

Gases arising from the substance or mixture during fire: Carbon monoxide, carbon dioxide. Do not breathe fumes, gases and vapors.

Necessary equipment for fire fighting: Use clothing and equipment (glasses, masks, gloves, scuba breathing apparatus) that provide maximum protection.

5.2. Special harms arised from substance/mixture

Keep away from oxidizing agents. During fire fighting, remove all living creatures from the fire area.

5.3. Advice for firefighters and firefighter teams:

Wear maximum protection and equipment (goggles, mask, gloves, boots, respirator).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use protective clothing and goggles. Avoid contact with the eyes. Keep away from oxidizing agents.

Cleaning Measures: Prohibit entry into the area until cleaning is complete. Ventilate the area. Collect the spilled product with a suitable absorbent and put it in a dry container, close the lid and remove it from the area. Wash the spilled area with empty water. Keep the non-neutralized material away from waste water channels, surface water and soil. The spilled substance is absorbed into a porous material that it will not react (such as sand, soil). The collected substance should be transferred to an appropriate container and recovered, or destroyed or destroyed according to the national or regional regulations in force.

Environmental precautions: Sewerage should be kept away from surface and groundwater and soil.

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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear suitable protective equipment.
Use according to the manufacturer's terms.

7.2. Conditions for safe storage, including any incompatibilities

Usage precautions: Arrangements for storage areas are applied in the workplaces where the product is located. Do not swallow external use product. Avoid contact with eyes. Use following the instructions for use described on the label. For personal protection, see Chapter 8. Examine the precautions and regulations on work safety indicated on the label.

Storage precautions: Keep away from food, drink and animal feedingstuffs. Store in a well-ventilated, dry and cool place, away from heat, open flames and sunlight, between 5 ° C and 30 ° C. Keep the mouth of the containers closed. Do not eat, drink or smoke in the warehouse. Keep all sources of ignition away. Do not store with oxidizing agents, acids, alkalis and hazardous reactions.

7.3. Specific end use(s): Keep away all sources of ignition

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Exposure limits	ACGIH TLV TWA/STEL	NIOSH REL TWA/STEL	OSHA PEL TWA
Isopropyl Alcohol	200 ppm/400 ppm	400 ppm / 500 ppm	400 ppm

8.2 Exposure controls:

Provide adequate ventilation. Avoid contact with eyes. Avoid breathing vapors and gases. Do not eat, drink or smoke while working. Have eye wash apparatus in the work areas.

INDIVIDUAL PROTECTIVE MEASURES:

Respiratory Protection: In case of insufficient ventilation, wear a suitable breathing apparatus.

Hand Protection: Not applicable under normal conditions of use.

Eye and face protection: Avoid contact with eyes. Offer the safety glasses with side protection to the service of the personnel. There should be a water point nearby.

Skin protection: Not applicable under normal conditions of use.

Hygiene measures: Do not eat, drink or smoke during use ■

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear-Liquid
Colour	Colourless
Odour	Characteristic
Solubility	Soluble in water
Relative density (20 °C)	0,826-0,926
Ph	5-7
Flashing point	< 23 °C
Boiling point	>35 °C

9.2. Other information:

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Reactivity: Nonreactive.

Conditions to avoid: High temperature, open flame, ignition sources.

Hazardous decomposition products: Carbon dioxide, carbon monoxide. CO₂, CO

Whether stabilizers are needed and existing stabilizers: None.

Avoid high temperature

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute Toxicity

Toxicity	Inhalation LC 50	Dermal LD 50	Oral LD 50
Isopropyl Alcohol	N/A	>5000 mg/kg(rabbit)	>5000 mg/kg(rat)

Respiratory exposure:

If inhaled for long periods of time, it may cause irritation of the respiratory tract. Steam may cause drowsiness and dizziness.

Ingestion: If swallowed, it can cause nausea and headaches, as well as pain and digestive irritation in the abdomen.

In case of splash and contact with eyes:

May cause redness and tears in the eyes.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: It has a long-lasting, very toxic effect in the aquatic environment.

Prevent unclassified product from entering drains, soil or surface waters.

Propan-2-ol ;

Aquatic toxicity	Sonuç/Notlar
Acute toxicity	
Fish	Not practical toxic: LL/EL/IL50>100 mg/l
Water invertebrates	Not practical toxic: LL/EL/IL50>100 mg/l
Moss	Not practical toxic: LL/EL/IL50>100 mg/l
Microorganisms	Not practical toxic: LL/EL/IL50>100 mg/l
Chronic toxicity	
Fish	Mevcut veri yok.
Water invertebrates	Mevcut veri yok.

Mobility in soil (mobility): When the product enters the soil, it can contaminate the soil with one or more components.

Environmental Hazards: Mixing of the product into sewage systems or water streams should not be allowed.

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Bio accumulative Potential: No bio-accumulation is expected.

Results of PBT and vPvB assessment: None.

Other adverse effects: Not determined.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Methods: Do not pour into streams. Packages should not be reused. Pre-reprocess or destroy, in accordance with applicable legislation, preferably through a notified body or a collector. Do not contaminate soil or water with waste.

Product Contaminated packaging: Empty the container completely, keep the label or tags on the container. Hand it over to an approved recycling institution. The waste code should be given by the user, depending on the application of the product.

14. TRANSPORT INFORMATION

Classification and coding according to the International Transportation (ADR/RID,IMGD, IATA/ICA)

14.1. UN No: 1993

14.2. SUITABLE TRANSPORTING NAME : Un No: 1993 Flammable liquid B.B.B Class 3 P.G. II (Isopropyl Alcohol) (D/E)

14.3.Transport hazard class:3

14.4.Packaging group: II

14.5.Environment harms: yok

14.6.Special user precautions

14.7. Transporting according to marpol 73/78 annex II ve IBC code

Labelling for transporting: Un No: 1993 Flammable liquid B.B.B Class 3 P.G. II (Isopropyl Alcohol) (D/E)

Tunnel code:D/E

Danger ID number: 30

15. REGULATORY INFORMATION

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

This document was prepared and attested by accredited authorized staff compliant to the Regulation on Classification, Labeling and Packaging of the Substances and Mixtures (SEA) dated 11 December 2013 with no.28848 within context of the Regulation on the Safety Data Sheets Regarding the Hazardous Substances and Mixtures dated 13 December 2014 with no.29204.

16. OTHER INFORMATION

The information provided in this safety data sheet was prepared based on the regulation and information which are applicable before the institutions of the Republic of Turkey and the European Union.

It should not be used other than for the stated purposes.

You shouldn't use this substance for any purpose other than intended use. The user is responsible under any circumstances for taking the measures required under local regulations and laws. The information on this safety data sheet does not constitute a guarantee for product specifications; rather it presents the safety measures concerning the mixture.

Prepared by: **Behalf of** Detro Healthcare Kimya Sanayi Anonim Şirketi **OĞULCAN TONBİL Senior Consultant Accreditation No: TSE-GBF-A-0-2565**

Data compiling department: Quality Assurance Department

Contact Person / Place: Oğulcan Tonbil

Certificate no: GBF-A-0-2565

DISCLAIMER

This information relates only to a specific substance and should not be used in a composition or in any process where the same substance is used with other substances. The information provided in this document is accurate and reliable information as of the date specified, within the firm's high level knowledge and opinion. However, no warranty guarantee or declaration can be made regarding its accuracy, reliability and completeness. It is the user's own responsibility to be convinced of the suitability of this information for his own use.