

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY**1.1. Identification of the substance****Commercial Name: DR. LORY HAND AND SKIN DISINFECTANT****1.2. Recommended and not recommended usage areas of the substance or mixture****Recommended Use:** Hand disinfection-%72 w/w Alcohol**1.3. Identification of the Supplier****Company Name : SEKTÖR KİMYA DETERJAN SAN. VE TİC. A.Ş.**
Address : 3. ORGANİZE SANAYİ BÖLGESİ BÜYÜK KAYACIK MAH. 8. SOK.
NO:17/1 SELÇUKLU/KONYA**Telephone** 0332 245 69 69**Email :** sektor@sektorkimya.com.tr**1.4. Emergency Telephone** 0332 245 69 69**Emergency First Aid
Center:** 112**Fire Station** : 110**National Poison
Information Center** : 114

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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to SEA Regulations (Regulation according to (EC) No 1272/2008)

This product is not classified as harmful according to regulation (EC) No 1272/2008

2.2. Label Elements



Labeling according to regulation (EC) No 1272/2008

This product is classified and labeled according to SEA Regulations

Signal Word: Attention

Hazard Statements

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

Precautionary Statements

P210 : Keep away from heat/sparks/open flames/hot surfaces. No smoking

P233 : Keep container tightly closed.

Intervention:

P370+P378: In case of fire: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide to extinguish.

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.

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Storage:

P403: Store in a well-ventilated place.

Disposal:

P501: Dispose of contents/container to according to local regulations

Other damages

For the assessment of PBT and vPvB results, see section 12.5.

See section 9 for physicochemical information. For toxicological information see section 11.

See section 12 for environmental information.

Additional hazard information statements:

No special provisions

2.3. Other Hazards

For the assessment of PBT and vPvB results, see section 12.5.

See section 9 for physicochemical information.

For toxicological information see section 11.

See section 12 for environmental information.

3. CHEMICAL COMPOSITION / INFORMATION ON INGREDIENTS
3.1. Materials:
3.2. Mixtures:





| Chemical's name | CAS No | EC No | Conc. (%) | SEA |
|-----------------|---------|-----------|-----------|--|
| | | | | Class, H phrases |
| Ethyl Alcohol | 64-17-5 | 200-578-6 | 62 | Flam. Liq. 2; H225 |
| Propan-2-ol | 67-63-0 | 200-661-7 | 10 | Flam. Liq. 2; H225 Eye Irrit. (Cat. 2) H319 STOT SE 3; H336 |

Additional Warnings: Explanation of H-phrases are given in Section 16

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4. FIRST AID PRACTICES

4.1 Description of First Aid Measures

| | |
|--|---|
| <u>Breathing</u> <u>Fresh air. Consult doctor if feeling unwell</u> |  |
| <u>Eye Contact</u> <u>Rinse with plenty of water for at least 15 minutes holding eyelids open. Consult an ophthalmologist</u> |  |
| <u>Skin Contact</u> <u>Remove contaminated clothing and shoes and wash with plenty of soap and water for at least 15 minutes. Get medical attention</u> |  |
| <u>Digestion</u> <u>DO NOT induce vomiting!</u> <u>If conscious, rinse mouth with clean water and then drink plenty of water. Seek medical advice immediately and show the label of the chemical.</u> |  |

4.2. Acute and Subsequent Significant Symptoms and

Breathing: No known health effects.
Eye contact: No known health effects.
Skin Contact: None known.
Ingestion: None known.

4.3 First Signs for Medical Intervention and Special Treatment Requirement**Note for doctor**

Treat symptoms appropriately. If swallowed or inhaled in large quantities, contact a poisoner immediately.

5. FIRE-FIGHTING MEDIA**5.1 Fire Extinguishers**

Suitable Fire Extinguishing : Water, dry powder, carbon dioxide and foam

Unsuitable Extinguishing Media: High volume water jet

5.2. Special hazards arising from the substance or mixture

Fire hazard. Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

5.3. Advice for Fire Fighting Teams

Hazardous combustion products : Carbon oxides

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Use water spray to cool unopened containers.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Other informations

To avoid contact with skin, keep a suitable distance and wear suitable clothing.
Prevent fire extinguishing water from entering surface water or groundwater.

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6. ACCIDENTAL RELEASE

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- a. **Avoid contact with personal protective equipment. Increase ventilation. Avoid formation of vapors / aerosols. Do not breathe vapors / aerosols. Do not bring unprotected persons closer.**
- b. **Environmental Measures**
- c. **Do not allow to enter sewers / surface or ground water. Inform the competent authorities when the product causes environmental pollution (sewers, waterways, soil or air).**
- d. **Methods and material for containment and cleaning up**
- e. **Leakage should be stopped and controlled as quickly as possible.**
- f. **In case of chemical spillage;**
- g. **Remove with liquid-absorbent material. Do not let it go into the sewer system. Send to a licensed company for disposal. Clean the affected area.**
- h. **Citations to Other Sections**
- i. **See Section 1 for emergency contact information.**
- j. **See Section 7 for information on safe handling.**
- k. **See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional information on waste treatment**

7. USE AND STORAGE

7.1. Precautions for Safe Handling

Precautionary measures that apply to chemicals must be observed. Ensure that the workplace is well ventilated / sucked in well.

Observe the precautions on the label. Avoid contact with eyes and skin. Do not breathe vapor / aerosol / mist. Keep away from heat, sparks and open flame

Advice on safe handling : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.

Fire and Explosion Precautions

Keep away from sources of ignition. Do not smoke.

7.2. Conditions for Safe Storage Including Disputes**Handling**

Store as directed by the manufacturer.

Storage**Requirements for Warehouses and Containers**

Store in cool, dry and ventilated place and store in closed containers, if possible in its original and approved packaging.

Keep container tightly closed.

Protect from heat and sunlight.

Storage Temperature

Store at temperatures between 0 °C and 30 °C away from direct sunlight 0 °C ile 30 °C

Alert Storage Alerts

It must be stored in accordance with the storage matrix

Further Information on Storage Conditions

Keep container tightly sealed.

Maksimum Recommended maximum stack height values of packaged products to be stored;

| PACKING | STACK HEIGHT VALUE |
|---------|--|
| IBC | 3 stacks in a row |
| Varil | 3 stacks of barrels (palletized and stretched) |
| Bag | 3 stacks of barrels (palletized and stretched) |
| Galon | 3 stacks of barrels (palletized and stretched) |

7.3. Specific End Use

No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

a. Control Parameters

TWA: No relevant data.

STEL: No data available.

b. Exposure Controls

General Protective and Sanitary Measures

Precautionary measures that apply to chemicals must be observed. Local ventilation is required.

Keep away from foodstuffs, beverages and feed. Remove contaminated, contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Do not eat, drink or smoke while working. Avoid contact with eyes and skin.

Avoid formation of vapors / aerosols. Do not breathe vapors / aerosols.

Emergency eye and body shower should be kept while using the product.

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. In order to protect against chemicals, the resistance found in the protective clothing must be determined by each supplier.

Personal Protective Equipment

Avoid formation of vapors / aerosols. Use a mask during use.

Eye Protection

Wear goggles to prevent eye contact during use.

Hand Protection

The glove material must be impermeable and resistant to the substance used.



Body Protection

Protective clothing and work shoes / boots should be worn to prevent any possibility of chemical contact with the body.


9. PHYSICAL AND CHEMICAL PROPERTIES
a. Information on Basic Physical and Chemical Properties

| Physical state | Liquid |
|---------------------------|-----------------------------|
| Color | Uncolored |
| Smell | Slightly Perfumed |
| pH | 6,0 ±0,50 |
| Melting point | No relevant data available. |
| Boiling point | >85 C |
| Ignition degree | No relevant data available. |
| Auto-ignition temperature | >485 |
| Flash point | 14 C |
| Explosion limits | Bottom: No relevant data. |
| | Top: No relevant data |
| Steam pressure | No relevant data available. |
| Density | No relevant data available. |
| Relative density | 0,86-0,89 g/ml |
| Solubility in water | Fully soluble 20 C |
| % Alcohol w/w | 72 |

Other informations

Surface tension (N / m): Not determined.

Corrosion to metals: Non-corrosive.

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10. STABILITY AND REACTIVITY

10.1. Reaction

No decomposition known under normal conditions of storage and use.

10.2. Chemical Stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

None known under normal storage and handling conditions.

10.4. Conditions to Avoid

Keep away from open flame and high temperature

5.10. Ingredients to Avoid

Not related

10.6. Hazardous Decomposition Products

Not related

11. TOXICOLOGICAL INFORMATION

11.1.

Information on Toxic Effects

Acute Toxicity

Toxicology Test Values (LD_{50} / LC_{50})

| | | |
|--------------------------|----------------------|------------|
| Sodyum Hidroksit; | | |
| Orally (rat) | LD_{50} | 7060 mg/kg |
| With breath (rat) | LC_{50} / 72 hours | 2000 mg/l |

| Substances | Respiratory Point | Value(mg/kg) | Type | Metod | Exposure Time |
|---------------|-------------------|--------------|-------------------|-----------------------|---------------|
| Ethyl alcohol | LD 50 | 7060 | With breath (rat) | (OECD Guide-line 401) | Single Dose |

Chronic Toxicity (Carcinogenic, Mutagenic and Toxic to Reproduction)

| | |
|----------------------------------|--|
| Carcinogenic | <i>No relevant data available.</i> |
| Mutagenic Effect | <i>No relevant data available.</i> |
| Reproductive Toxic Effect | No information available on reproductive toxicity. |

BHOT Maruzivet

No relevant data available.

BHOT

No relevant data available.

12. EKOLOJİK BİLGİLER**12.1. toxicity****Do not allow to reach ground water, water course or sewage system.****Ethyl alcohol CAS NO: 64-17-5**

| | |
|--------------------------------------|------------------------------------|
| <i>Fish Toxicity</i> | |
| <i>LC₅₀/ 96 h</i> | <i>Min.42 mg/l-max 14200 mg/l</i> |
| <i>Daphnia Toxicity</i> | |
| <i>EC₅₀/ 72 h</i> | <i>No relevant data available.</i> |
| <i>EC₅₀/ 48 h</i> | <i>No relevant data available.</i> |
| <i>Bakteriyel Toxicity</i> | |
| <i>EC₅₀/ 5 min</i> | <i>No relevant data available.</i> |

12.2. Persistence and Degradability**Primary degradation:**

No data available.

12.3 . Bioaccumulative potential

There are no substances in the product that are expected to be bioaccumulators.

12.4. mobility in soil

The product is miscible with water. May spread in water environment.

12.5. Results of PBT and vPvB Assessment

No application.

12.6. Other Negative Effects

The product is not expected to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS**a. Waste Processing Methods****Product Packaging**

Within the framework of Waste Management Regulation, lar Packages Contained Residues of Hazardous Substances or Contaminated with Hazardous Substances ”should be sent to the license companies by the National Waste Transportation Form with the waste code 150110 and the Ministry of Environment and Urbanization with the dispatch code. It cannot be disposed of together with domestic waste.

Shelf Life Expired Product

In accordance with the Waste Management Regulation, An Inorganic Wastes Containing Dangerous Substances ”should be sent to the license companies by the National Waste Transportation Form with the code 160303 and the Ministry of Environment and Urbanization with the Waybill. It cannot be disposed of together with domestic waste.





Spilled Product

If the spilled product can be taken into a separate container without direct contact with any material: An appropriate waste code should be assigned to the collected chemicals from the Waste Management Regulation and sent to the license firms by the National Waste Transportation Form and the Waybill and the Ministry of Environment and Urbanization. It cannot be disposed of together with domestic waste.

If the spilled product cannot be collected directly; should be impregnated by filling sand and / or absorbent sausage. The absorbed material should then be filled into the barrel and marked as hazardous waste. Kum Wastes of Sandblasting Materials Containing Dangerous Substances 120 within the framework of Waste Management Regulation 120116 or ic Absorbents Contaminated with Hazardous Substances, Filter Materials (oil filters if not otherwise specified) Cleaning Cloths, Protective Clothing 'National Waste Transportation Form and Disposal and the Ministry of Environment and Urbanization. It cannot be disposed of together with domestic waste.

14. TRANSPORT INFORMATION

Not classified as dangerous goods according to transport regulations.

| | ADR/RID | ADN/ADNR | IMDG | IATA |
|--|--|--|--|--|
| TRANSPORTATION | Highway | River channel | Seaway | Airline |
| SHAPE | 1993: flammable liquid (ethyl alcohol, propan-2-ol) | | | |
| UN/ID NO | 1993 | 1993 | 1993 | 1993 |
| SEMBOL |  |  |  |  |
| CLASS | 3 | 3 | 3 | 3 |
| PACKING GROUP | II | II | II | II |
| CLASSIFICATION CODE | F1 | F1 | F1 | F1 |
| LABEL NO | 3 | 3 | 3 | 3 |
| DANGER IDENTIFICATION NO (HIN NO) | no data | no data | no data | no data |
| EmS | no data | no data | no data | no data |
| SEA pollutant | no data | no data | no data | no data |
| TUNNEL CODE | no data | no data | no data | no data |

Special Precautions for the User

Transport in the user's premises: Always transport in closed containers upright and securely. Provide the person carrying this product information about what to do in the event of an accident or spill.

Public transport according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

15. REGULATORY INFORMATION

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

The Safety Data Sheet was prepared in accordance with Yönetmelik Regulation on Safety Data Sheets for Hazardous Substances and Mixtures tarih dated 13.12.2014 and numbered 29204.

Classification and labeling has been made according to the Regulation on Classification, Labeling and Packaging of Substances and Mixtures dated 11.12.2013 and numbered 28848. (See Chapter 2.)

**Regulation on Health and Safety Measures in the Study of Chemical Substances dated 12.08.2013 and numbered 28733
(See Chapter 8.)**

Regulation (EC) No 29314 of 02.04.2015 on waste management (see Chapter 13)

Regulation on Inventory and Control of Chemicals dated 26.12.2008 and numbered 27092

**Road transport data were used in accordance with ADR-European Agreement on International Transport of Dangerous Goods by Road (Volume 1 / Volume 2).
(See Chapter 14.)**

Regulation No. 29284 of 03.03.2015 on the Carriage of Dangerous Goods by Sea



MATERIAL SAFETY DATA SHEET

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16. OTHER INFORMATION

a. Prepared / Issued Safety Data Sheet

Prepared by : Emin TÜRK
Certificated number : GBF01.21/04/21.09.2021

Contact

sektor@sektorkimya.com.tr

Additional information

Sektör Kimya accepts no responsibility for the document and information provided for similar materials not manufactured or supplied by Sektör Kimya

The user's attention should be taken to the possible risks if the product is used outside its intended purpose. This does not exclude the user from knowing and applying all the regulations applied during his activity. It is the responsibility of the user to take all necessary precautions to transport the product. These mandatory regulations are intended solely to assist the user in fulfilling his mandatory obligations with respect to the use of dangerous products.

This safety data sheet should be considered in detail. It does not prevent the user from any other legal obligations relating to the use and storage of the product for which he is solely responsible

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