

SAFETY DATA SHEET

AKASPRAY

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name AKASPRAY

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses Alcohol Based Rapid Surface Disinfectant

1.3. Details of the supplier of the safety data sheet

Supplier Detro Healthcare Kimya Sanayi A.Ş
Atatürk mh. Adnan Menderes cd. No:7
Esenyurt/İstanbul-Türkiye

Contact person info@detrox.com.tr

1.4. Emergency telephone number

+90 (212) 659 77 62

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification

Flam. Liq. 2 - H225

Eye Irrit. 2 - H319

2.2. Label elements

Pictogram:



Signal word : Danger

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.

P243: Take precautionary measures against static discharge.

P264: Wash ... thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P410 Protect from sunlight.

P501 Dispose of contents/container in accordance with national regulations.

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2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Containing Hazardous Components;			M factors
Cas No: 64-17-5 EC No: 200-578-6	Ethanol Flam. Liq. 2 - H225	40-60%	-
Cas No: 67-63-0 EC No: 200-661-7	propan-2-ol Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	5-15%	-

The Full Text for all Hazard Statements are Displayed in Section 16.

SECTION 4 : FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation : Take victim immediately from exposure area to another location. Apply general first aid, rest and keep warm and provide fresh air.

Get medical attention if any discomfort continues.

Skin contact : Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Get medical attention immediately!

Eye contact : Take victim immediately from exposure area to another location. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention.

Continue to washing with water.

Ingestion : Irritability is may cause redness and pain.

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

General information : See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation : Symptoms were not noted.

Ingestion : May cause irritation of the digestive tract.

Skin contact : Prolonged contact may cause redness, irritation and dry skin.

Eye contact : Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5 : FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media This product is flammable. Fire can be extinguished using: Foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards :Severe corrosive hazard. Water used for fire extinguishing, which has been in contact with the product, may be corrosive.

Hazardous combustion products

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Thermal decomposition or combustion products may include the following substances: Very toxic or corrosive gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Move container from fire area if it can be done without risk. Keep run-off water out of sewers and water sources. Dike for water control. Emergency personnel, except of course provide the move away from the fire area. Fire residues and contaminated fire extinguishing water must be disposed of according to local regulations.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Flush/dilute with water.

6.2. Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

After spillage and/or leakage: Dyke for recovery or absorb with appropriate material. Dilute residues and flush. Use suitable disposal containers.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling: Use only under a chemical fume hood. Wear personal protective equipment. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Keep away from open flames, hot surfaces and sources of ignition. Use explosion-proof equipment. Use only non-sparking tools. Keep away from clothing and other combustible materials.

7.2.Storage : Keep refrigerated. Corrosives area. Organic peroxides. Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials.

Storage Temperature : 5-35°C

Package Material : Use HDPE. Don't use PVC.

Requirements for Storage Areas and Containers : Because of package material, keep away from heat.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

No data available

8.2. Exposure controls:



Respiratory Protection

: There is no need any special equipment for respiratory protection.

Hand Protection

Gloves for continuous contact:

Gloves suitable for splash protection

Material: Butyl-rubber

Material: Nitrile-rubber

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Operating time ≥ 480 min	Operating time: ≥ 30 min
Glove thickness: $\geq 0,7$ mm	Glove thickness: $\geq 0,4$ mm
Eye protection	Goggles been tightly sealed with face shields
Skin and Body Protection	08.07.026 If skin contact or contamination of clothing is likely, protective clothing should be worn..

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	: Liquid	Ph	: 6,0-8,0
Colour	: Colorless	Solubility in water	: Soluble in all proportions
Odour	: Specific	Density	: 0.87 – 0,97 g/cm ³
Melting point	: No data available	Other solvents	: Unspecified
Freezing point	: No data available	Dilution rate	: According to the case
Boiling point	: > 35 °C	Explosive Properties	: Not explosive
Flash point	: < 23 °C	Flammability	: Unspecified
Vapour pressure	: Unspecified	Viscosity	: Unspecified

9.2. Other information

Other information No information required.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity :No data available.
 10.2. Chemical stability :Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.
 10.3. Possibility of hazardous reactions :Not expected.
 10.4. Conditions to avoid :Avoid exposure to high temperatures or direct sunlight.
 10.5. Incompatible materials :Strong oxidising substances.
 10.6. Hazardous decomposition products: Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No data available

Toxicologically Synergistic

No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation Causes severe burns by all exposure routes

Sensitization No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component

Mutagenic Effects

No information available

Reproductive Effects

No information available.

Developmental Effects

No information available.

Teratogenicity

No information available.

STOT - single exposure

Respiratory system

STOT - repeated exposure

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None known

Aspiration hazard

No information available

Symptoms / effects, both acute and delayed

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

Endocrine Disruptor Information

No information available

Other Adverse Effects

The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information..

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity : No data available

Ecology - general : This product doesn't contain hazardous components for the environment.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : This product contains hazardous components for the environment.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste treatment methods : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 : TRANSPORT INFORMATION

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

14.1. UN number

UN No. (ADR/RID/ADN) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (ETHANOL, PROPAN-2-OL)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3

ADR Label No. 3

IMDG Class 3

ICAO Class/Division 3

Transport Labels

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14.4. Packing group

ADR/RID/ADN Packing group II

IMDG Packing group II

ICAO Packing group II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No

SECTION 15 : REGULATORY INFORMATION

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

National regulations Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009No. 716). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16 : OTHER INFORMATION

Information Sources

This SDS is prepared based on the information received from the product owner.

Revision Comments

Revision No: 01

Issue Date: 20.01.2021

Issued By

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Hazard Statements In Full

H226 Flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.