

**SAFETY DATA SHEET**  
**DETROSAN AF**  
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**                      Detrosan AF

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

**Identified Uses**                      Spray Surface Disinfectant

**1.3. Details of the supplier of the safety data sheet**

**Supplier**                                **Detro Healthcare Kimya Sanayi A.S.**  
Atatürk mh. Adnan Menderes cd.  
No:7 Esenyurt / Istanbul - Turkey  
+90 212 659 77 62

**Contact person**                      [info@detrox.com.tr](mailto: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**

The mixture is not classified as hazardous.

**2.2. Label elements**

**Pictogram:**

Not applicable.

**Signal word :**

Not applicable.

**Hazard Statements:**

Not applicable.

**Precautionary statements :**

Not applicable.

**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: 68424-85-1 EC No : 270-325-2	<b>Benzalkonium chloride</b> Acute Toxic 4 H302, Skin Irritation 1B H314, Aquatic Acute1 H400	C < 1 %
CAS No: 7173-51-5 EC No : 230-525-2	<b>didesildimetilamonyumklorür</b> Acute Toxic 4 H302, Skin Irritation 1B H314	C < 1 %

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CAS No: 2372-82-9 EC No : 219-145-8	<b>Bis (3-aminopropil) dodesilamin</b> Acute Toxic 3 H301, Skin Irritation 1B H314 Aquatic Acute1 H400, Aquatic Chronic 1. H410	C < 1 %	
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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** : Shut off source of exposure, if possible. Bring the victim to the fresh air, keep at rest (avoid even walking if necessary, seek medical attention).
- Skin contact** : Take off contaminated clothing and shoes. Wash thoroughly with water and soap. According to the exposure extent, seek medical attention.
- Eye contact** : Flush immediately with large amounts of fresh water at least 10 minutes, to get the water under the eyelids, seek medical attention.
- Ingestion** : Rinse mouth with potable water and leave victim to drink 0.5 L of water if the subject is conscious. Do not induce vomiting, seek medical aid.

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

**General information:** The mixture does not show any effect.

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

In case of to eyes contact, ingestion and in other health problems or should the symptoms persist, always seek medical advice and provide information contained in this MSDS.

#### SECTION 5 : FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

Suitable: not flammable. Use extinguishing media suitable for the character of the fire.

Unsuitable: not known, do not use waterjet – risk of release to the sewers and environment.

##### 5.2. Special hazards arising from the substance or mixture

Not known.

##### 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 firefighter's** Regular protection may not be safe. Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

#### 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.

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#### 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. Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage Temperature:** 5-35°C

**Package Material :** Use HDPE.

**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

**Operating time** >=480 min

Operating time: >=30 min

**Glove thickness:** >=0,7 mm

Glove thickness: >=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 – 9.0
Colour	: Colourless	Solubility in water	: soluble
Odour	: Specific	Density	: 0,98-1,05 g/cm <sup>3</sup>
Melting point	: No data available	Other solvents	: Unspecified
Freezing point	: No data available	Dilution rate	: According to the case
Boiling point	: No data available	Explosive Properties	: Not explosive
Flash point	: Unspecified	Flammability	: Unspecified
Vapour pressure	: Unspecified	Viscosity	: Unspecified

## 9.2. Other information

Other information No information required.

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity:** The mixture reacts with strong acids, hydroxides and strong oxidising and reducing agents.

**10.2. Chemical stability:** Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

**10.3. Possibility of hazardous reactions:** Reaction with strong acids, hydroxides and strong oxidising and reducing agents, the possibility of a hazardous chemical reaction.

**10.4. Conditions to avoid :**Avoid exposure to high temperatures or direct sunlight.

**10.5. Incompatible materials:**Strong alkaline and acidic materials.

**10.6. Hazardous decomposition products:** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

Calculated ATE mix > 2500 mg/kg

#### Toxicologically Synergistic

No information available

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

Irritation No information available

Sensitization No information available

Carcinogenicity No information available

#### 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

None known

#### Aspiration hazard

No information available

#### Symptoms / effects,both acute and delayed

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.

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**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 / ADNR / IMDG / ICAO / IATA**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

ADR/RID/ADN Class Not applicable.

ADR/RID/ADN Class Class Not applicable.

ADR Label No. Not applicable.

IMDG Class Not applicable.

ICAO Class/Division Not applicable.

**Transport Labels**

Not applicable.

**14.4. Packing group**

ADR/RID/ADN Packing group Not applicable.

IMDG Packing group Not applicable.

ICAO Packing group Not applicable.

**14.5. Environmental hazards**

Not applicable.

**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**

14.07.2020 // Revision No: 01

**Issued By**

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**Hazard Statements In Full**

H301: Toxic if swallowed.

H302 : Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H373: May cause damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

**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.