

SAFETY DATA SHEET

Detrosan SFC

According to "Regulation No. 29204 of 13 December 2014 of the Republic of Turkey, Ministry of Environment and Urbanization, on Safety Data Sheets for Hazardous Substances and Mixtures"

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

1.1. Product/Substance identifier

Product Name Detrosan SFC

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

Use Concentrated Surface Disinfectant for Medical Devices

1.3. Details of the supplier of the safety data sheet

Company name **Detro Healthcare Kimya Sanayi A.S.**
Atatürk mh. Adnan Menderes cd. No:7
Esenyurt/Istanbul-Turkey

Contact person **anil.kose@detrox.com.tr**

1.4. Emergency telephone number

0(212) 659 77 62 (For Emergencies)
National Poison Information Center (UZEM) - Turkey: 114
Emergency Health Services – Turkey: 112

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (28848 T.C.)

Acute Tox. 4 H302, Skin Corr. 1B H314, Respiratory Sens. 1. H334, Aquatic Chronic 2 H411

2.2. Label elements

Special labeling of certain mixtures:

Labeling according to T.C. 28848/2013

Pictograms:



Signal word: Danger

Hazard statements

H302: Harmful if swallowed.

H315: Causes severe skin burns and eye damage.

H411: Toxic to aquatic life with long lasting effects.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements

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P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264: Wash thoroughly with plenty of water after handling.

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

P273: Avoid release to the environment.

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call NATIONAL POISON INFORMATION CENTER 114 or doctor/physician.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405: Store locked up.

2.3 Other hazards

Does not contain any components considered as PBT and vPvB

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Corrosion inhibitors and deionized water.

| Item | | Specific Concentration Limits | |
|---|---|-------------------------------|--|
| CAS No: 68424-85-1 EC No : 270-325-2 | Benzalkonium chloride Acute Tox.4 H302, Skin Corr.1B H314, Aquatic Acute 1: H400 | 7% < C < 8% | |
| CAS No: 7173-51-5 EC No : 230-525-2 | didecyldimethylammonium chloride Acute Tox.4 H302, Skin Corr.1B H314, Aquatic Acute 1: H400 Aquatic Chronic 1: H400 | 4% < C < 6% | |
| CAS No: 2372-82-9 EC No : 219-145-8 | Bis (3-aminopropil) dodesilamin Acute Tox.3 H301, Skin Corr.1B H314, BHOT Single MRZ.H373, Aquatic Acute 1: H400 Aquatic Chronic 1: H410 | 1% < C < 3% | |

Full text of hazard statements: see section 16.

About composition

The data are given in accordance with the most recently regulations of the Republic of Turkey and E.U.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information

Move the victim immediately away from exposure area.

After inhalation

If conditions such as dizziness and nausea are encountered, the affected person should be moved to fresh air. Consult doctor if complaints persist

After swallowing

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DO NOT INDUCE VOMITING. Never give anything liquid to an unconscious person. Rinse mouth thoroughly. Consult doctor immediately!

After skin contact

Wash skin with plenty of water.

After eye contact

Immediately move the victim away from exposure area. Any contact lenses should be removed before washing the eyes. Immediately flush eyes with plenty of water by opening the eyelids. Seek medical attention immediately. Continue rinsing with water.

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

Inhalation: Headache.

Ingestion: May cause chemical burns in mouth and throat.

Skin contact: Causes skin irritation.

Eye contact: Irritating to eyes and mucous membranes.

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

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Carbon dioxide, dry foam, powder

5.2. Special hazards arising from the substance or mixture

Unusual fire and explosion hazards

Special hazards

Vapors heavier than air may condense on the ground. May form flammable mixtures with air at increased temperatures. Dangerous flammable gases and vapors may release in event of fire.

5.3 Advice for firefighters

Avoid breathing fire vapors. If possible, fight fire from a protected place.

Prevent fire extinguishing water from entering drains or water courses. Make a barrier to keep the water under control.

Protective equipment

In case of fire, wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in section 8 of this safety data sheet.

Avoid contact with skin and eyes. Do not breathe vapors. Pay attention to slippery floors and surfaces in case of spillage.

Contaminated clothing should be removed immediately and washed before re-use.

6.2. Environmental precautions

Ventilation should be made in order to reduce the spread of vapors in the work environment.

Leaks must be collected or stopped immediately to prevent spread to the work environment.

Close the drainage channels.

6.3. Methods and material for containment and cleaning up

DO NOT TOUCH THE SPILLS!

Large spills: Use necessary protective equipment.

Stop leak if possible, provided there is no danger. Absorb into vermiculite, dry sand or soil and place in containers. Rinse with plenty of water to clean the spilled area.

Small spills: Absorb spillage with non-flammable absorbent material. Transfer to a container for disposal.

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6.4. Reference to other sections

For personal protection, see section 8.

See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Advice on safe handling

Avoid breathing vapors and particles.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area.

Keep away from: Strong acidic materials.

Incompatible containers: Aluminum, copper, etc. soft metal containers.

Packaging Material: In containers or surface coatings; use iron sheet or high density polyethylene (HDPE)

Containers made of polyethylene should not be exposed to high temperatures as they may deform in hot conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits: No data available.

8.2. Exposure controls:



Process Conditions

Provide eyewash station, safety shower.

Technical Measures

Provide adequate ventilation. Observe occupational exposure limits and reduce the risk of vapor inhalation.

Respiratory protection measures:

No specific recommendations have been made, however it may still be necessary to use respiratory protection in extreme cases if there is excessive contamination in the air.

Protection of hands:

Suitable gloves for continuous contact:

Material: Butyl-rubber

Suitable gloves for splash protection:

Material: Nitrile rubber

Usage time > = 480 min

Usage time: > = 30 min

Glove thickness: > = 0.7 mm

Glove thickness: > = 0.4 mm

Eye Protection:

Wear safety goggles or face shield.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|----------------------|---------------------|----------------------------------|-------------------------------|
| Appearance | : Liquid | Auto-ignition Temperature | : No data available |
| Color | : Yellowish | Volume Density | : No data available |
| Odor | : Characteristic | Density | : 0,90-1,10 g/cm ³ |
| Solubility | : Soluble in water | Explosive Properties | : No data available |
| Boiling Point | : No data available | Vapor Pressure | : No data available |
| Melting Point | : No data available | Specific Gravity | : No data available |
| pH Value | : 8,0 – 11,0 | Viscosity: | : No data available |
| Flash Point | : No data available | - | |

9.2. Other information

No information.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity : Does not react.

10.2. Chemical stability : Stable under normal temperature conditions and recommended operating conditions. Stable under prescribed storage conditions

10.3. Possibility of hazardous reactions: Not expected.

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

5.10. Incompatible materials: Avoid contact with strong acidic substances.

10.6. Hazardous decomposition products: Those caused by fire: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No data available

Serious eye damage/irritation.

Causes serious eye irritation.

Skin sensitization

No information

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Germ cell mutagenicity (in vitro – in vivo)

No information.

Carcinogenicity

No information.

Reproductive toxicity – Fertility – Development

No information.

Inhalation

Harmful if inhaled. Irritating to respiratory system.

Swallowing

Causes discomfort if swallowed. May cause chemical burns.

Skin contact

Irritating.

Eye contact

Irritating.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No information.

12.2. Persistence and degradability

No information.

12.3. Bioaccumulative potential

No information.

12.4. Mobility in soil

The product is soluble in water and can spread in water systems. It can spread in soil in this way.

12.5. Results of PBT and vPvB assessment

Does not contain any components considered as PBT and vPvB.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

While handling with wastes, safety precautions will be taken when handling the product itself.

13.1. Waste treatment methods

Disposal of waste must be in accordance with applicable regulations.

Additional Information: Handling, storage, transportation and disposal must be done in accordance with legal regulations. Do not drain into surface water and domestic water system. Duly dispose wastes.

SECTION 14: TRANSPORT INFORMATION

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14.1. UN Number

UN No. (ADR/RID/ADN) 1903

UN No. (IMDG) 1903

UN No. (ICAO) 1903

<http://en.wikipedia.org/wiki/File:GHS-pictogram-exclam.svg>

14.2. Proper UN Shipping Name

1903 DISINFECTANT, LIQUID, CORROSIVE, B.B.B.

14.3. Transport hazard class(es)

ADR/RID/ADN Class 8

ADR/RID/ADN Class 8

ADR Label No. 8

IMDG Class 8

ICAO Class/Division 8

Transport Labels



14.4. Packaging group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

National Regulations

Regulation No 27092 of 26 December 2008 of the Republic of Turkey, Ministry of Environment and Forestry on Classification, Packaging and Labeling of Dangerous Substances and Preparations.

Regulation No 28848 of 11 December 2013 on Classification, Labeling and Packaging of Substances and Mixtures.

Regulation on Health and Safety Measures in Handling with Chemicals.

Regulation on Use of Personal Protective Equipment in the Workplace.

Occupational Health and Safety Law No. 6331.

Regulation No 27449 (Repeating 4) of 31 December 2009 on Biocidal Products

Regulation on Control of Hazardous Wastes.

SECTION 16: OTHER INFORMATION



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Information Resources

This SDS is issued according to information received from the product owner.

Description for Revision

This SDS has been harmonized with the relevant regulations.

Organizer in Turkish

Bayram NAZLI - Certified SDS Preparer Certificate No: 01.83.02

New Issue Date -

Date of Issue 11.06.2018

Number of Issue 1.0

All of Hazard Statements

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.

H411: Toxic to aquatic life with long lasting effects.

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Disclaimer

This information relates only to a certain specific substance and should not be used in a composition or any process in which the same substance is used in combination with other substances. The information given in this document is accurate and reliable as of the date specified within the top level knowledge and opinion of the company. Nevertheless, no guarantees or warranties can be made for its accuracy, reliability and completeness. It is the responsibility of the user to be convinced of the suitability of this information for their own use.