



MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification

Product Information

Trade Name : Detro Plus
Product Name : **Concentrate Medical Devices and Endoscope Disinfectant**
Manufacturer : Detro Healthcare Kimya Sanayi A.Ş.
Manufacturer Address : Atatürk mh. Adnan Menderes cd. No:7 Esenyurt/İstanbul - Turkey
Manufacturer Phone : 0(212) 659 77 60 (for emergency calls)
Manufacturer Fax No : 0(212) 659 77 63

2. Composition / Information on Contents

Chemical Definition:

Critical materials which product comprise		Contents
CAS: 111-30-8 EINECS:203-856-5	Glutaraldehyde Xn; R 23, 25, 34, 42, 43, 50	%20

3. Hazards Identification

R 20: Harmful to breath.
R 22: Absorbing is harmful.
R 36: Can cause eye irritation.
R 38: Can cause skin irritation.
R 41: Can cause critical eye damages.
R 42: Can cause sensibility on breathing.
R 43: Can cause sensibility on skin.
R 50: Very toxic to organisms in water.
S 25: Avoid contact with eyes.
Xi : Causes irritation.
Xn : Harmful.

4. First Aid Measures

Eyes: Keep your eyes open under the water for a few minutes and apply to your physician.

Skin: Swill your skin immediately.

Ingestion: Drink plenty of water and apply to your physician.

If the patient does not breathe, try to breathe the patient by mouth or mechanical way.

5. Fire Figthing Measures

It is not flammable.

Suitable extinguishing agents are carbondioxide, foam and powder.

Fire extinguishers must be ready to use.

For combating with fire, use protecting clothes and equipment.

6. Accidental Release Measures

Personal Security Measures: Use protected equipment. Do not approach to anybody who is not using protective equipment. Avoid contact with chemicals. Avoid breathing chemicals.

Enviromental Protection Measures: Prevent to blend chemicals with waste channel and surface water. In case of mixing, inform the legal authorities.

Cleaning Method: Provide liquid binding agents (sand, acid binding, sawdust) to be absorbed. After removing the chemicals, clean the affected area.

7. Usage and Storage

Usage:

Warnings for the safe work; provide adequate ventilation of the workplace.

Use only for specific purposes .

Keep chemicals away from igniting agents.

Do not breathe the chemicals.

Avoid contact with chemicals.

Storage:

Keep the chemicals in well ventilated area in 15-25°C. Avoid direct sun light.

Do not store more than four package over and over

8.Exposure Controls / Personal Protection

General Protection and Health Provisions:

Keep them away from foodstuffs and drinks.

Avoid from skin and eye contact.

During the work, use face mask , bonnet, glove and goggles.

The gloves must comply with EC Instruction 89/686/EEC and EN-374.

After the cleaning work, wash your hands and your face plenty of water.

Change dirty or contaminated clothes immediately.

If you are exposed to chemicals for a long time, take a shower at work place.

Use a protective cream for your hands.

9.Chemical and Physical Properties

General Information	
Parameter	Description
Physical Appearance	Liquid
Appearance Color	Clear, Green
Odor	Characteristic
pH	3,5-4,5 (after activation 7,5-8,5)
Density (20°C)	1,080+/-0,1g/cm ³
Solubility in water	Soluble

10.Stability and Reactivity

Avoidable Situations:

There is no information.

Avoidable agents:

Avoid reaction with soap, calcium and magnesium ions, nitrates, iodides, anion sterilizers and salicylates.

Dangerous dissolution and disintegration products:

There is no information.

11. Toxicological Information

LD ₅₀ Definitions for Classification		
Product Composition	LD ₅₀ oral mouse	LD ₅₀ dermal rabbit
Glutaraldehyde	134 mg/kg	>2500mg/kg

Irritation Effects:

It can cause skin and mucous membrane irritation.

It can cause eye irritation.

Sensibility Effects:

Skin contact can cause sensibility.

Extra Toxicological Information:

Harmful.

Can cause irritation.

Absorbing can cause irritation and nausea.

12. Ecological Information

There is no information about ecological effects for his product.

13. Disposal Information

Product Disposal Information:

Chemical agents must be thrown by considering national standards.

Package Disposal Information:

Packages must be destroyed by considering national standards.

14. Transport Information

Land Transportation:

UN: 2810, Class: 3, Packaging: 2

Sea Transportation:

UN: 2810, Class: 3, Packaging: 2

Airline transportation:

UN: 2810, Class: 3, Packaging: 2

15. Regulatory Information

This Product Safety Information Form is prepared accordingly with Ministry of the Environment Department's 11-03-2002 dated and 24692 numbered "Preparation of Safety Information Forms bases and procedure".

It is complying with Ministry of the Environment Department's 11-07-1993 dated and 21634 numbered "Dangerous Chemicals Procedure".

The product is produced according to EC Instructions.

16. Other Information

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Revising Date / Revising No: -