

# SAFETY DATA SHEET (91/155/EEC)

***Detro Matic A***

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## 1 Product and Company name

1.1 Product name: Detro Matic A

1.2 Company:

Detro Healthcare Kimya Sanayi A.Ş.  
Atatürk mh. Adnan Menderes cd. No:7 Esenyurt  
Istanbul-Turkey

1.3

Telephone:

0090 212 659 77 62

Fax:

0090 212 659 77 63

In case of emergency call: 0090 212 659 77 62

## 2 Composition

Chemical characterization:

description: disinfecting agent

CAS-Nr.

Substance:

Conc.

Symbol

R-Numbers

1310-58-3

Potassium Hydroxide

> 5%

C

35

## 3 Hazards

3.1 C Corrosive

R 35

Causes severe burns

## 4 First Aid

4.1 Inhalation:

Remove from exposure. Seek medical attention.

4.2 Skin:

Remove contaminated clothing. Wash off affected area with plenty of water

4.3 Eyes:

Irrigate immediately with plenty of water for at least 15 min. Then consult a doctor.

4.4 Ingestion:

Do not induce vomiting. Give large quantities of water to drink. Rinse mouth and throat thoroughly with water. Immediately seek for medical attention

## 5 Fire Fighting

5.1 Extinguishing Media: Water, CO<sub>2</sub>, foam, powder

5.2 Hazards: -

5.3 Protection: Normal protective equipment

## 6 Accidental Release Measures

6.1 Personal: Isolate the contaminated area and instruct others to keep away

6.2 Environmental: Contain and control the spillage on site

6.3 Recovery: Flush small amounts with plenty of water. Absorb in earth/sand and shovel into plastic (polythene) drums for temporary storage on site.

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## 7 Handling and Storage

- 7.1 Handling: Wear standard protective clothing when handling this product.  
 7.2 Storage: Keep container closed and protect from contamination. Store in a cool and dry place. Provide for good ventilation.

## 8 Exposure Controls

- 8.1 Occupational Limits:  
 CAS-Nr. Substance: mg/m<sup>3</sup>  
 Not relevant
- 8.2 Personal Protection:  
 Respiratory: -  
 Hand: impermeable plastic gloves  
 Eye: protecting glasses or eye shield

## 9 Physical/ Chemical Properties

- 9.1 Appearance: Clear colourless liquid  
 9.2 Properties:  
 Melting Point: -  
 Boiling Point: -  
 Density: 1.22 g/cm<sup>3</sup>  
 Vapour pressure: -  
 Viscosity: -  
 Solubility: Miscible with water in all proportions  
 pH value (conc.): 12-14  
 Flash point: Not relevant  
 Ignition temperature: Does not burn, but helps other materials to burn.  
 Explosion limits: Not relevant

## 10 Stability and Reactivity

- 10.1 Stability: At normal storage and use no dangerous reactions known.  
 10.2 Conditions to Avoid: acids  
 10.3 Materials to Avoid: light metals  
 10.4 Dangerous Decomposition Products: -

## 11 Toxicological Information

- 11.1 Acute Toxicity: LD 50 oral rat >2000 mg/kg

## 12 Ecological Information

- 12.1 Biodegradability: >99 %  
 12.2 Aquatic Toxicity: harmful effect due to pH shift

## 13 Disposal Considerations

- 13.1 Product:  
 Disposal should be in accordance with local authority regulations, small amounts can be flushed with water.  
 13.2 Contaminated Package:  
 As above

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## **14 Transport Information**

14.1	ADR Class	8 / II
	Transport Classification	8 / II
	Transport Hazard Symbol	8 / II
	Proper shipping name	corrosive, potassium hydroxide
	Packing Group	
	I.D.Number	UN 1814

## **15 Regulatory Information**

15.1	Supply Classification: Corrosive, EG/R: R 34	Causes burns
15.2	EG/S: S 26	In case of contact with eyes. Rinse immediately with plenty of water and seek medical advice

## **16 Additional Information**

This information is to the best of our current knowledge correct and is intended to describe the product only in terms of health and safety and environmental requirements. Since the conditions of use are outside our control any recommendations or suggestion are made without guarantee and Detrox disclaims any liability for loss or damage suffered from use of this information. Customers must satisfy themselves that the product is suitable for a particular purpose.