

# SAFETY DATA SHEET (91/155/EEC)

**Detro Matic NF**

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## 1 Product and Company name

1.1 Productname: Detro Matic NF

1.2 Company:

Detro Healthcare Kimya Sanayi A.Ş.  
Atatürk mh. Adnan Menderes cd. No:7  
Esenyurt/Istanbul-Turkey  
0090 212 659 77 62  
0090 212 659 77 63  
0090 212 659 77 62

Telephone:

Fax:

In case of emergency call:

## 2 Composition

Chemical characterization:  
description: disinfecting agent

CAS-Nr.	Substance:	Conc.	Symbol	R-Numbers
7664-38-2	phosphoric acid	> 30%	C	35

## 3 Hazards

3.1 C Corrosive

R 35 Causes severe burns

## 4 First Aid

4.1 Inhalation:

4.2 Skin:

4.3 Eyes:

4.4 Ingestion:

Remove from exposure. Seek medical attention.  
Remove contaminated clothing. Wash off  
affected area with plenty of water  
Irrigate immediately with plenty of water for at  
least 15 min. Then consult a doctor.  
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, CO2, 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: 1.48 g/cm<sup>3</sup>  
Vapour pressure: -  
Viscosity: -  
Solubility: Miscible with water in all proportions  
pH value (conc.): 1,5-3  
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: caustics  
10.3 Materials to Avoid: -  
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 / III
	Transport Classification	8 / III
	Transport Hazard Symbol	8 / III
	Proper shipping name	corrosive,
	Packing Group	
	I.D.Number	UN 1805

Airway transport: IATA not restricted

## **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.