

1 Identification of the substance/preparation and the company/undertaking

Trade name	TON 1	Supplier	Labmedics Limited
Article number	TON 1		Telegraphic House Waterfront Quay Salford Quays Manchester M50 3XW United Kingdom Tel : 0044 161 869 0420

2 Composition/information on ingredients**Chemical characterisation :****CAS No. Description**

Purified Water

Identification number(S)**EINECS Number**

231-791-2

Chemical characterisation**Description**

Mixture of substances listed below with non-hazardous additions

Dangerous Components**CAS** 1310-73-2

sodium hydroxide



< 2.5%

EINECS 215-185-5

C

R35

CAS**EINECS****CAS****EINECS****3 Hazards identification****Hazard description**

Xi

Irritant

Information concerning to particular hazards to man and environment

This product has been classified and labeled in accordance with EU Directive 99/45/EC and all other EU Directives referred to therein.

R36/38

Irritating to eyes and skin

Classification system

The classification is according to the latest editions of the EU-lists, and extended by company and literature data

Printing date 04/11/04

Trade Name TON 1

4 First aid measures

General information

After inhalation

In case of unconsciousness place patient stably in side position for transportation.

After skin contact Immediately wash with water and soap and rinse thoroughly

After eye contact Rinse opened eye for several minutes under running water

After swallowing If symptoms persist consult doctor.

5 Fire fighting measures

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam

Protective equipment

No special measures required

6 Accidental release measures

Person related safety precautions

Not required

Measures for environmental protection

Dilute with plenty of water

Do not allow to enter sewers / surface or ground water

Measures for cleaning/collecting

Absorb with liquid binding material (sand, acid binders, universal binders, sawdust)

7 Handling and storage

Handling

PPE to be worn

see Section 8

Information for safe handling

Keep receptacles tightly sealed

Information about fire and explosion protection

Keep ignition sources away. Do not smoke.

Storage

Requirements to be met by storerooms and receptacles

None

Information about storage in one common storage facility

Not required

Further information about storage conditions

Keep tightly sealed

Printing date 04/11/04

Trade Name TON 1

8 Exposure controls / personal protection

Additional information about design of technical facilities

No further data, see item 7.

Ingredients with limit values that require monitoring at the workplace

Not required

Personal Protective equipment**General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed
Wash hands before breaks and at the end of work
Avoid contact with eyes and skin.

Respiratory protection

Not required

Protection of hands Protective Gloves

The glove material has to be impermeable and resistant to the product.
Due to missing tests no recommendations to the glove material can be given for the product

Selection of glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and therefore has to be checked prior to the preparation.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection

Tightly sealed goggles

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Trade Name TON 1

9 Physical and chemical properties

General Information

Form	Fluid
Colour	According to specification
Odour	Characteristic

Change in condition

Melting point	0 degC
Boiling point	100 degC

Flash point	not applicable
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Self igniting	Product is not self igniting
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Danger of explosion	Product does not present an explosion hazard
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Vapour Pressure at 20 degC	Not determined
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Density at 20degC	not determined
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Solubility/miscibility with water	Fully miscible
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Solvent content	
Organic solvent	0%

10 Stability and reactivity

Thermal decomposition / conditions to be avoided

No decomposition is used according to specifications

Dangerous reactions

No dangerous reactions known

Dangerous decomposition products

No dangerous decomposition products known

Printing date 04/11/04

Trade Name TON 1

11 Toxicological Information

Acute toxicity

Primary irritant effect

on skin	irritant to skin and mucous membranes
on eye	irritating effect

Sensitisation No sensitising effects known

Additional toxicological information

12 Ecological Information

General Notes

Water hazard class 1 (German Regulation) (Self assessment) :
slightly hazardous for water
Do not allow undiluted product to reach ground water, water course or sewage system

13 Disposal Considerations

Product

Recommendations

Must not be disposed together with household garbage. Do not allow product to reach sewage system

Uncleaned packaging

Recommendation

Disposal must be made according to official regulations

Recommended cleansing agents

Water, if necessary together with cleansing agents.

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Trade Name TON 1

14 Transport Information**Land transport ADR/RID (cross border)**

ADR/RID class

Maritime transport IMDG

IMDG Class

Marine Pollutant No

Air transport ICAO and IATA-DGR

ICAO/IATA Class

15 Regulatory Information**Labeling according to EU guidelines**

Observe the general safety regulations when handling chemicals

The product has been classified and marked in accordance with EU Directive 99/45/EC and all other EU Directives referred to therein.

Code letter and Hazard designation of product

Xi

Irritant

Hazard determining components of labeling**Risk phrases**

36/38 Irritating to eyes and skin

Continued on next page

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Trade Name TON 1**Safety phrases**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

37 Wear suitable gloves

60 This material and its container must be disposed of as hazardous waste

National regulations**Water hazard class**

Water hazard class 1 (self assessment) : Slightly hazardous for water

16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R phrases

35 Causes severe burns

Department issuing M.S.D.S
Contact

Technical Department
T. Pike