

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

Trade name	TON 3	Supplier	Labmedics Limited
Article number	TON 3		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** 7664-38-2

Phosphoric acid



2.5-10%

EINECS 231-633-2

R34

C

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

Not applicable

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.

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 3

4 First aid measures

General information

No special measures required

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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

After skin contact Generally the product does not irritate the skin**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 agentsCO₂, 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

No special measures required

Information about fire and explosion protection

No special measures required

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

None

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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

Phosphoric acid 7664-38-2

PEL (USA)	1 mg/m ³ ,		
REL (USA)	Short term value	3 mg/m ³	
	Long term value	1 mg/m ³	
TLV (USA)	Short term value	3 mg/m ³	
	Long term value	1 mg/m ³	
TLV (EU)	Short term value	2 mg/m ³	
	Long term value	1 mg/m ³	

The lists valid during the making were used as basis

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 application.

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

Goggles recommended during filling

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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

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11 Toxicological Information

Acute toxicity

LD/LC50 values relevant for classification

Primary irritant effect

on skin	No irritant effect
on eye	No irritant effect

Sensitisation No sensitising effects known

Additional toxicological information

The product shows the following dangers according to the calculation method of the General Classification Guidelines for Preparations as issues in the latest version

None

When used and handled according to specifications, the product does not have any harmful effects to our experience and information provided to us.

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

Smaller quantities can be disposed of with household waste

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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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

NOT DANGEROUS ACCORDING TO ABOVE SPECIFICATIONS

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 the Ordinance on Hazardous Materials (German GefStoffV)

Code letter and Hazard designation of product

None

Hazard determining components of labeling

None

Risk phrases

None

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Safety phrases

None

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

34 causes burns

Department issuing M.S.D.S
Contact

Technical department
T. Pike