

Lifeguard Toilet Descaler

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Lifeguard Toilet Descaler
Pack code : 402441
Size : 1 L
Supplier : S C Johnson Professional
Frimley Green, Camberley, Surrey GU16 5AJ, UK
Tel: +44 (0) 1276 852852, FAX: +44 (0) 1276 852800
Emergency telephone number : +44 (0) 1276 852852

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Information on Hazardous Ingredients*

Chemical name	CAS No.	%	EC Number	Symbol	R-Phrases
Phosphoric acid	7664-38-2	5-15	231-633-2	C	R34
Hydrochloric acid	7647-01-0	5-15	231-595-7	C	R34, R37
Ethoxylated amine		0.1-2		F, C	R11, R22, R34
Amine oxide.		0.1-2		Xi	R38, R41

Occupational Exposure Limit(s), if available, are listed in Section 8

3. HAZARDS IDENTIFICATION

Physical/chemical hazards : No physical or chemical hazards have been reported or known.
Human health hazards : Irritating to skin. Irritating to eyes.
Environmental hazards : No environmental hazards have been reported or known.

4. FIRST-AID MEASURES

Effects and symptoms

Inhalation : May be irritating to nose, throat, and respiratory tract.
Ingestion : May be irritating to mouth, throat and stomach.
Skin contact : May be severely irritating to skin.
Eye contact : May be severely irritating to eyes.

First-aid measures

Inhalation : If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion : Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
Skin contact : Immediately wash off with plenty of water for at least 15 minutes. Get medical attention.
Eye contact : Immediately wash out with water for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Dry chemical, water spray, foam, carbon dioxide.
Special fire-fighting procedures : None known.
Unusual fire/explosion hazards : None known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Put on appropriate personal protective equipment (see Section 8).
Environmental precautions and cleanup methods : In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with inert absorbing material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final cleanup.

7. HANDLING AND STORAGE

Handling : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use.
Storage : Store in a dry, cool and well-ventilated area. Keep away from heat. Protect from freezing. Keep out of the reach of children. For Professional use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

When handling product as supplied:

Engineering controls : No special ventilation requirements. General room ventilation is adequate.

Occupational Exposure Limits

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Chemical name	OEL
Hydrochloric acid	STEL: 7.6 (mg/m ³) from Health and Safety Executive [United Kingdom (UK)]
Phosphoric acid	STEL: 2 (mg/m ³) from Health and Safety Executive [United Kingdom (UK)]

Personal protective equipment

Respiratory system	: No specific personal protection equipment is required.
Skin and body	: If major exposure is possible, wear suitable protective clothing.
Hands	: Rubber gloves.
Eyes	: Safety glasses with side shields.

Information should be confirmed by workplace assessment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Colour	: Blue.
Odour	: Characteristic.
Solubility	: Easily soluble in cold water.
pH	: <1 [Acidic.]
Specific gravity	: 1.1
Flash point	: Not established
Viscosity	: 250 cP (Dynamic).

10. STABILITY AND REACTIVITY

Stability	: The product is stable.
Conditions to Avoid	: None known.
Hazardous Reactions	: Chlorine Do not mix with other cleaning products.
Hazardous decomposition products	: None known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	: LD ₅₀ estimated to be > 2000 mg/kg.
Local effects	
Skin irritation	: See section 4.
Eye irritation	: See section 4.
Sensitization	: None known.
Chronic toxicity	: None known.
Specific effects	
Carcinogenicity	: None known.
Mutagenicity	: None known.
Reproduction toxicity	: None known.

12. ECOLOGICAL INFORMATION

No environmental hazards have been reported or known.

According to EC Criteria (73/404/ECC): All surfactants in this product covered by legislation are over 90% biodegradable.

13. DISPOSAL CONSIDERATIONS

Methods of disposal	: Disposal according to the local legislation.
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14. TRANSPORT INFORMATION

International transport regulations

UN number	: UN3264
Packing group	: II

Land - Road/Railway

Proper shipping name	: Corrosive liquid, acidic, inorganic, n.o.s. mixture contains hydrochloric acid + phosphoric acid.
ADR/RID Class	: 8
ADR/RID Item number	: 17°b

Sea

Proper shipping name	: Corrosive liquid, acidic, inorganic, n.o.s. mixture contains hydrochloric acid + phosphoric acid.
IMDG Class	: 8
Medical First Aid Guide (MFAG)	: 760
Emergency Schedules (EmS)	: 8-15
Marine pollutant	: None.

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15. REGULATORY INFORMATION

National regulations

United Kingdom: No additional national regulations are known to the supplier.

EU Regulations

Hazard symbol(s)



EU Classification (67/548/EEC-88/379/EEC)

: IRRITANT.

Risk phrases

: R36/38- Irritating to eyes and skin.

Safety phrases

: S2- Keep out of the reach of children.

S24/25- Avoid contact with skin and eyes.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28- After contact with skin, wash immediately with plenty of water.

EINECS Status

: All components are included in the EINECS inventories.

16. OTHER INFORMATION

Detergent/Cleaner Labelling
(89/542/EEC) : (0.2 - <5%) Non-ionic surfactants. Disinfectants.

HISTORY

Date of printing : 17 Nov, 1999.

Date of previous issue : 28 Apr, 1998.

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of issue and covers applications when used as directed.

Date of issue 07 Sep, 1999.

Version 1

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