

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

1.1 Product identifiers

URIC XTREME® - Urinal Unblocker

1.2 Relevant identified uses of the substance/mixture and uses advised against

General description:

A clear liquid, based on phosphoric acid. For the removal of lime and protein scales from urinals and urinal pipework.

Directions for use:

Use as instructed on product label:

Use neat from the container. Pour URIC Xtreme directly into the urinal. Start by pouring approximately 1 litre into the urinal bowl/trough, and wait for this to run away. Repeat after approximately 5 minutes (if necessary), until the urinal flow is back to normal. No need to flush with water. Normally, a total application of between 1 and 5 litres will be sufficient to clear a urinal blockage. (Amount needed will depend on the severity of the blockage.) Please Note: If necessary the urinal trap can be removed and submerged in URIC Xtreme for approximately 10 minutes. The calcium / protein deposits will dissolve very quickly. The urinal trap can then be easily reassembled.

1.3 Details of the supplier of the safety data sheet

CHEMASSIST INTERNATIONAL LTD

Kemp House, 160 City Road

London, EC1V 2 NX

FREEPHONE: 0800 731 4441

Email: info@chemassist.co.uk

Website: www.chemassist.co.uk

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP].

Skin. Corr. 1A B C, H314

2.2 Label elements

Pictogram Code: GHS05
Signal Word & Pictogram: DANGER



Hazard statements:

H314 Causes severe skin burns and eye damage.

Precautionary statements:

P102 Keep out of reach of children.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container to licensed waste disposal site.

2.3 Other hazards

EUH:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Substance Name	REACH Reg. No.	CAS-No.	EC-No.	Amount [%]
Phosphoric Acid	015-011-00-6	7664-38-2	231-633-2	35-40%
		Hazard Class	Hazard Category	Hazard Statements
		Skin corrosion/irritation	Skin. Corr. 1A B C	H314
		Serious eye damage/irritation	Eye. Irrit. 2	H319

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:

Remove contaminated clothing and wash off skin/eyes immediately.

After inhalation:

Ensure supply of fresh air and seek medical attention.

After contact with skin:

Wash splashes from skin immediately. If skin becomes sore or inflamed seek medical attention.

After contact with eyes:

Irrigate with water for 10 to 15 minutes until irritation subsides and seek medical attention.

After ingestion:

If conscious, give plenty of water to drink, do not induce vomiting, obtain medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Eye and skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Use water to neutralize product in the case of skin, eye contact or ingestion.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

This product is not flammable. Use fire extinguishing media appropriate for surrounding area.

5.1 Unsuitable extinguishing media

Not applicable.

5.2 Special hazards arising from the substance or mixture

May produce oxides of carbon, nitrogen, sodium and sulphur.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus and protective clothing as appropriate to the associated fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate PPE. Avoid breathing vapours if any and ensure adequate ventilation. Cordon off area to other personnel.

6.2 Environmental precautions

Do not allow to enter soil/subsoil.

6.3 Methods and material for containment and cleaning up

Absorb with sand or binder and dispose of according to local regulations. Small spillages may be flushed to a foul drain.

6.4 Reference to other sections

See Section 8 and 13 for more information on exposure and disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original containers out of reach of children. Storage temperature should be between 5'C and 30'C.

7.3 Specific end use(s)

Use only as directed on the container or label.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

(Orthophosphoric Acid) OES: TWA 8 hours – STEL 15 mins 2mg / m³.

8.2 Exposure controls

Do not eat, drink or smoke whilst working and wash hands after use.

Exposure controls - eyes:

Avoid contact with eyes. Wear suitable eye protection if appropriate.

Exposure controls - skin:

Wear household rubber, vinyl, latex or nitrile gloves.

Exposure controls - respiratory:

Avoid breathing vapours. Provide adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance / odour:

Clear odourless liquid (Method: QP22).

pH (10% soln.):

<1 (Method: QP03).

Melting / freezing point:

0°C.

Flammable / flash point:

Not flammable.

Relative density:

1.29 g/cm³ @ 20°C (Method: QP07).

Solubility:

Soluble/dispersible in water.

Viscosity:

Non-viscous @20°C (Method: QP04).

Oxidising properties:

Not applicable.

Explosive properties:

Not applicable.

9.2 Other information

No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Converts at elevated temperatures (>150°C) to pyrophosphoric acid and eventually (>300°C) to metaphosphoric acid. Phosphorous pentoxide fumes may also be released.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Hazardous reactions

Exothermic reaction with strong alkalis.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Oxides of phosphorus.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Substance	Toxicity
Phosphoric Acid	Acid and some salts of suitable purity are permitted food additives. Due to acid nature, will cause burns to exposed tissue. LD50 1530mg/Kg Oral-rat. 2740mg/Kg skin-rabbit.

No information regarding interactions between the ingredients in this mixture is available therefore, the information shown above is separately reported for each relevant ingredient used in the mixture even though it may be present below its concentration limit and represent no toxicity in the mixture as a whole.

12. ECOLOGICAL INFORMATION

No specific information is available for this mixture, therefore, the following information regarding the relevant substances used in this mixture is provided, even though they may be present below the concentration limit and represent minimal or no toxicity to the environment.

Substance	Toxicity
Phosphoric Acid	ECOTOXICITY The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. MOBILITY The product is miscible with water.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

When disposing of surplus or waste product use suitable PPE etc. ensuring empty containers are rinsed out and disposed of safely. Dispose of in accordance with local authority regulations. Do not mix with other waste materials.

14. TRANSPORT INFORMATION

14.1 UN number

UN1805

14.2 Shipping name

CHEMASSIST - URIC XTREME 5LT

14.3 Transport hazard class

CORROSIVE LIQUID, N.O.S.

14.4 Packing group

III



14.5 Environmental hazards

CORROSIVE LIQUID, N.O.S.

14.6 Special precautions for user

No information.

14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC code

No information.

15. REGULATORY INFORMATION

15.1 Safety, health and environment regulation/legislation specific to the substance or mixture

EU Legislation:

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Guidance:

ECHA Guidance on the application of CLP criteria.

15.2 Chemical safety assessment

No information.

16. OTHER INFORMATION

Full text of H-Statements referred to under section 3:

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.