



Safety Data Sheet Descaler

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product name: Descaler

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Acid based descaler for use in washroom environments.

1.3. Details of the supplier of the safety data sheet

Supplier: WuduMate Ltd,
PO Box 541,
Egham
Surrey
TW20 0WN

Tel: 01784 770693

Email: info@specwash.com

1.4. Emergency telephone number

Emergency telephone: 0113 2577 588 (Office Hours Only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP:

Physical hazards: Not classified.

Health hazards: Skin Corr. 1B: H314

Environmental hazards: Not classified.

2.2. Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H314: Causes severe skin burns and eye damage.

Precautionary statements:

P102: Keep out of reach of children.

P233: Keep container tightly closed.

P234: Keep only in original container.

P235+410: Keep cool. Protect from sunlight.

P262: Do not get in eyes, on skin, or on clothing.

P273: Avoid release into the environment.

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): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314: Get medical attention/advice if you feel unwell.

P363: Wash contaminated clothing before reuse.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local regulations.

Supplemental hazard information: None.

2.3. Other hazards

PBT or vPvB classification: This product does not contain any substance classified as PBT or vPvB.

Section 3: Composition/information on ingredients

3.1. Substances

Component Name	Concentration	CLP Classification	CAS No.	EINECS No.
Phosphoric Acid	>5%, <12%	Skin Corr. 1B: H314	7664-38-2	231-633-2

(The full text for all the Hazard Statements are displayed in Section 16.)

Section 4: First aid measures

4.1. Description of first aid measures

Following inhalation: Remove from source of exposure and re-locate into fresh air.
Following skin contact: Wash the affected area with plenty of soap and water. Continue washing for at least 15 minutes. Remove contaminated clothing and wash before re-use.
Following eye contact: Rinse immediately with copious amounts of water for at least 15 minutes, holding the eyelids open and obtain immediate medical attention.
Following ingestion: Remove product from mouth and give the casualty water or milk to drink. Discourage vomiting and seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: May cause a burning sensation, sore throat, cough, laboured breathing and shortness of breath.
Skin contact: May cause redness, pain, blisters and serious skin burns at high concentrations.
Eye contact: May cause redness, pain, blurred vision, severe deep burns. Eye may water profusely.
Ingestion: Mouth and throat may become red and irritated.
Delayed/immediate effects: Immediate effects expected on exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for doctor: Provide general supportive measures and treat symptomatically.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: NON-FLAMMABLE: Compatible with water, foam, carbon dioxide and dry powder extinguishers.

5.2. Special hazards arising from the substance or mixture

Specific hazards: None.

5.3. Advice for firefighters

Advice: Firefighters should wear self-contained breathing apparatus and suitable protective clothing including eye/face protection. Generally, the necessary personal protection for corrosive chemicals.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Protective equipment/Personal precautions: Avoid contact with skin and eyes. Wear suitable protective clothing including gloves, eye/face protection, chemical resistant overall/boots and approved respiratory equipment.

Personal protection: see Section 8 of the Safety Data Sheet

6.2. Environmental precautions

Environmental precautions: Do NOT allow large quantities to enter drains and surface waters. Absorb with sand or other suitable absorbent media.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Flush away with copious amounts of water.

6.4. Reference to other sections:

Reference to other sections: For personal protection, see Section 8.

Section 7: Handling and storage

7.1. Precautions for safe handling

Protective measures:

Advice on safe handling: Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Do NOT mix with other chemicals.

Advice on general occupational hygiene: Do NOT eat, drink or smoke around this product/at work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store upright in the original container with the lid tightly sealed. Store in a cool place away from direct sunlight and avoid extreme temperatures.

Packaging materials: Original container.

7.3. Specific end use(s)

Specific end use(s): Refer to Section 1.2 for intended uses.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits: No data available.

8.2. Exposure controls

Appropriate engineering controls: Not applicable.

Eye/face protection: When handling neat product wear approved eye protection.

Skin protection: Not required for normal use but chemical resistant overalls are recommended if handling large quantities of neat material.

Hand protection: Wear rubber or PVC gloves if using intensively.

Body protection: Not required for normal use.

Respiratory protection: Not required for normal use.

Environmental exposure controls: Not applicable.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: A clear, colourless, non-foaming liquid.

Colour: Colourless.

Odour: Characteristic.

pH: <1.5

Melting point: Not data available.

Initial boiling point and range: Not data available.

Flash point: Not applicable.

Relative density: 1.0-1.1

Solubility(ies): Water soluble at all dilutions.

9.2. Other information

Other information: None.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Unreactive under normal conditions.

10.2. Chemical stability

Stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: None if used for intended purpose.

10.4. Conditions to avoid

Conditions to avoid: Extremes of temperatures.

10.5. Incompatible materials

Materials to avoid: Do NOT mix with other chemicals.

10.6. Hazardous decomposition products

Hazardous decomposition products: None if used for intended purpose.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects: We have not carried out any animal testing for this product. Any acute toxicity estimate (ATE) figures quoted below are from toxicity classifications that have been carried out using ATE calculation method using LD50 or ATE figures provided by the raw material manufacturer.

Hazardous ingredients: Phosphoric Acid

Relevant effects for substance/mixture: Corrosive.

Symptoms/routes of exposure:

Inhalation: May cause a burning sensation, sore throat, cough, laboured breathing and shortness of breath.

Skin contact: May cause redness, rain, blisters and serious skin burns at high concentrations.

Eye contact: May cause redness, pain, blurred vision, severe deep burns. Eye may water profusely.

Ingestion: Mouth and throat may become red and irritated.

Delayed/immediate effects: Immediate effects expected on exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No known bioaccumulative potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB identification: This product is not classified as PBT or vPvB substance.

12.6. Other adverse effects

Other adverse effects: None. When used for its intended purpose this product should not cause adverse effects to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods: Product may be disposed of via the municipal waste water system in compliance with local authority regulations. Containers should be thoroughly cleaned and then reused or disposed of by landfill or incineration as appropriate.

Other disposal recommendations: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3264

14.2. UN proper shipping name

Shipping name: Corrosive Liquid, Acidic, Inorganic, NOS (Phosphoric Acid, Nitric Acid)

14.3. Transport hazard class(es)

Transport class(es): Class 8: Corrosive substances.

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No.

Marine pollutant: No.

14.6. Special precautions for user

Special precautions: None.

Tunnel code: Not applicable.

Transport category: Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations:

No specific regulations/legislations.

National regulations:

No specific regulations/legislations.

15.2. Chemical safety assessment

The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by Health & Safety Legislation.

Section 16: Other information

Other information:

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 2015/830.

Handle and apply only as recommended.

It is recommended that all users are trained in the safe handling of chemicals, and that risk assessments are carried out.

* indicated text in the SDS which has changed since the last revision.

Section 3 full Hazard Statements:

H314: Causes severe skin burns and eye damage.

Issue date: 23/02/2016

Revision date: Future.

Revision number: 1
