

Procter&Gamble

P&G Professional – Europe

SAFETY DATA SHEET (2001/58/EC)

CPG35 - Issue 4
Issue Date: September 15, 2005
Valid until superseded
Item Code PG/217a

SDS NOTICE: Update according to new formulation

Changes versus previous issue of this SDS: Section 2 Composition
Section 12 Ecological information
Section 16 Other information
References (Header/Footer)

1. Identification of the Substance/Preparation	Professional Viakal Descaler (Spray)																									
Company Name: Address: Telephone #: Emergency phone #:	Procter & Gamble UK, Brooklands, Weybridge, Surrey, KT13 0XP, UK 01932 89 6000 Fax: 01932 89 6200 0800 716 854 (UK) 1800 535 119 (ROI)																									
2. Composition/information on ingredients	A liquid limescale remover containing: <table border="1"><thead><tr><th>Common Name</th><th>CAS</th><th>EINECS/ELINCS</th><th>Classification</th><th>Conc</th></tr></thead><tbody><tr><td>C9-11 PARETH-8</td><td>68439-46-3</td><td>Polymer</td><td>Xn; R22, R41</td><td>1 - 5 %</td></tr><tr><td>ETIDRONIC ACID</td><td>2809-21-4</td><td>220-552-8</td><td>C,N: R34, R51/53</td><td>< 1%</td></tr><tr><td>FORMIC ACID</td><td>64-18-6</td><td>200-579-1</td><td>C, R35</td><td>1 - 5 %</td></tr><tr><td>PHOSPHORIC ACID</td><td>7664-38-2</td><td>231-633-2</td><td>C; R34</td><td>5 - 10 %</td></tr></tbody></table>	Common Name	CAS	EINECS/ELINCS	Classification	Conc	C9-11 PARETH-8	68439-46-3	Polymer	Xn; R22, R41	1 - 5 %	ETIDRONIC ACID	2809-21-4	220-552-8	C,N: R34, R51/53	< 1%	FORMIC ACID	64-18-6	200-579-1	C, R35	1 - 5 %	PHOSPHORIC ACID	7664-38-2	231-633-2	C; R34	5 - 10 %
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3. Hazards identification	This product is classified as Xi; R36/38 (Irritant - Irritating to eyes and skin) according to EU Directive 1999/45/EC. Eye contact: Transient mild to moderate irritation (stinging). Skin contact: Prolonged exposure may cause mild to moderate skin irritation. Ingestion: May cause mild to moderate gastro-intestinal irritation with nausea and vomiting. Inhalation: Inhaling aerosolized product may cause mild to moderate irritation of the respiratory system.																									
4. First-aid measures	Eye contact: Rinse thoroughly with plenty of water for several minutes. If symptoms persist, seek medical advice. Skin contact: Rinse affected area with water. If needed apply cold compress to relieve irritation. If symptoms persist, discontinue use of product and seek medical advice. Ingestion: Drink a glass of water to dilute product. Do not induce vomiting. Act immediately in order to prevent further irritation of mouth, throat and stomach mucosa. If symptoms persist or if persistent vomiting occurs or if blood tinged vomitus is present, seek medical advice. Inhalation: Go in open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Aerosolized product adhering to the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice.																									

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5. <u>Fire fighting measures</u>	Not explosive. Not auto-flammable. Not flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO ₂ , dry chemical powders or alcohol resistant foam. If water is used, contain run-off.
6. <u>Accidental release measures</u>	Avoid spillage into sewers or surface water. For large spills: pump into plastic containers and rework/dispose as per local legislation. For small spills: use non-combustible absorbant and shovel into container for disposal.
7. <u>Handling and storage</u>	Store in a cool and dry area.
8. <u>Exposure controls / Personal protection</u>	Not a hazard in normal use. No personal protective equipment required.
9. <u>Physical and chemical properties</u>	Appearance: blue liquid Odour: perfume pH (conc.): ca. 1.2 Not Flammable. Non-Explosive. Non-Oxidizing. Water solubility: high
10. <u>Stability and reactivity</u>	Stable under normal conditions.
11. <u>Toxicological information</u>	Not acutely toxic, may cause vomiting. If large quantities are ingested, treat symptomatically. Do not induce vomiting. If irritant effects are seen, these will be mild to moderate, depending on exposure. If in contact with eyes, flushing with water is recommended. Estimated acute oral toxicity: LD50 (rats) \geq 2 g/kg Eye irritation: Mildly to moderately irritating to eyes Skin irritation: Mildly to moderately irritating to skin Chronic toxicity: Repeated exposure to low levels will not cause adverse effects. Contact sensitization: Does not provoke a sensitization reaction
12. <u>Ecological information</u>	The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.
13. <u>Disposal considerations</u>	Professional products ending up down the drain after use. Observe safe handling precautions and local legislation.


<p>14. Transport information</p>	<p>ADR 2003, European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)</p> <p>English Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid) ID Type: UN No: 3264 Class: 8 Classification Code: C1 Label: 8 Packaging Group: III Haz. ID No: 80</p> <p>IMO International Maritime Dangerous Goods Code (IMDG), 31st Amend.</p> <p>English Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid) ID Type: UN No: 3264 Class: 8 Subsidiary Risk: • Packaging Group: III EMS No: F-A, S-B</p> <p>International Air Transport Association (IATA) Dangerous Goods Regulations, 45th ed.</p> <p>English Name: Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid) ID Type: UN No: 3264 Class: 8 Label: Corrosive Packaging Group: III Pass. & Cargo Aircraft Ltd Qty Pkg Inst: Y818 Pass. & Cargo Aircraft Ltd Qty Max Qty / Pkg: 1 L Pass. & Cargo Aircraft Pkg Inst: 818 Pass. & Cargo Aircraft Max Qty / Pkg: 5 L Cargo Aircraft Only Pkg Inst: 820 Cargo Aircraft Only Max Qty / Pkg: 60 L Special Provisions: A3 ERG Code: 8L</p> <p><u>Shipments under Limited Quantities provisions:</u> Product belongs to Packaging Group III: Maximum allowable quantities in combination packagings: max. 3 litres per inner packaging and max. 12 liters per package. Outer packaging needs to be clearly and durably marked with the UN number. This mark needs to be displayed within a diamond shaped area surrounded by a line. Minimum measures are 100 mm x 100 mm.</p>
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15. <u>Regulatory information</u>	<p>This product is classified as Xi; R36/38 (Irritant; Irritating to eyes and skin) according to EU Directive 1999/45/EC and national laws. All substances in the preparation are registered in the EU.</p> <p>Label information:</p>  <p>Irritant</p> <p>Irritating to eyes and skin Keep out of reach of children Avoid contact with eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice If swallowed, seek medical advice immediately and show this container of label Avoid prolonged contact with the skin Do not breathe spray Do not mix with bleach or other cleaning products Use only in well-ventilated areas Contains acid solution.</p>
16. <u>Other information</u>	<p>This product does not require any special training before use. Usage and handling instructions are mentioned on package and on this Material Safety Data Sheet.</p> <p><u>Ingredients (EC/648/2004)</u></p> <p><5% Nonionic surfactants Perfume, Citronellol, Limonene</p>