

Procter&Gamble

P&G Professional – Europe

EU Master SAFETY DATA SHEET (2001/58/EC)

CPG35 - Issue 2
Issue Date: December 14, 2004
Expiry Date: Until Superseded

1. Identification of the Substance/Preparation	Professional Viakal Descaler Spray																									
Company Name: Address: Telephone #: Emergency phone #:	Procter and 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 %
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 %																						
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.																									
5. Fire fighting measures	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. Accidental release measures	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. Handling and storage	Store in a cool and dry area.																									

Procter&Gamble

P&G Professional – Europe

EU Master SAFETY DATA SHEET (2001/58/EC)

CPG35 - Issue 2
Issue Date: December 14, 2004
Expiry Date: Until Superseded

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. 0.8 Reserve acidity: 4.21 g H ₂ SO ₄ /100 g 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 used in the product are biodegradable in line with the requirements of EU Directives 73/404/EEC and 73/405/EEC and their subsequent amendments.
13. <u>Disposal considerations</u>	Professional products ending up down the drain after use. Observe safe handling precautions and local legislation.

14. Transport information

ADR 2003, European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

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

IMO International Maritime Dangerous Goods Code (IMDG), 31st Amend.

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

International Air Transport Association (IATA) Dangerous Goods Regulations, 45th ed.

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

Shipments under Limited Quantities provisions:

Product belongs to Packaging Group III:
Maximum allowable quantities in combination packagings: < 3 litres per inner packaging and < 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.

Procter&Gamble

P&G Professional – Europe

EU Master SAFETY DATA SHEET (2001/58/EC)

CPG35 - Issue 2
Issue Date: December 14, 2004
Expiry Date: Until Superseded

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><u>Label information:</u></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>