

# Procter&Gamble

## Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

CSDS 9-1 – Issue 9

HSC09 - Issue 5

Issue date: September 19, 2005

Valid until superseded

**SDS NOTICE: Update according to new formulation**

**Changes versus previous issue of this SDS: Section 12: Ecological information  
References (Header/Footer)**

<b>1. Identification of the Substance/Preparation</b>	<b>Viakal Liquid</b>																									
<b>Company Name:</b> <b>Address:</b> <b>Telephone #:</b> <b>Emergency phone #:</b>	Procter & Gamble UK Brooklands, Weybridge, Surrey KT13 0XP, UK Tel: 01932 89 6000 Fax: 01932 89 6200 0800 389 9726 (UK); 1800 509 429 (ROI)																									
<b>2. Composition/information on ingredients</b>	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>&lt; 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 %																						
<b>3. Hazards identification</b>	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.																									
<b>4. First-aid measures</b>	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.																									

# Procter&Gamble

## Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

CSDS 9-1 – Issue 9

HSC09 - Issue 5

Issue date: September 19, 2005

Valid until superseded

<b>5. <u>Fire fighting measures</u></b>	Not explosive. Not auto-flammable. Not flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO <sub>2</sub> , dry chemical powders or alcohol resistant foam. If water is used, contain run-off.
<b>6. <u>Accidental release measures</u></b>	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.
<b>7. <u>Handling and storage</u></b>	Store in a cool and dry area.
<b>8. <u>Exposure controls / Personal protection</u></b>	Not a hazard in normal use. No personal protective equipment required.
<b>9. <u>Physical and chemical properties</u></b>	Appearance: blue liquid Odour: perfume pH (conc.): ca. 0.82 Not Flammable. Non-Explosive. Non-Oxidizing. Water solubility: high
<b>10. <u>Stability and reactivity</u></b>	Stable under normal conditions.
<b>11. <u>Toxicological information</u></b>	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 the eyes Skin irritation: Mildly to moderately irritating to the skin Chronic toxicity: Repeated exposure to low levels will not cause adverse effects. Contact sensitization: Does not provoke a sensitization reaction
<b>12. <u>Ecological information</u></b>	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.
<b>13. <u>Disposal considerations</u></b>	Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.


<p><b>14. <u>Transport information</u></b></p>	<p><b>ADR 2003, European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)</b></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><b>IMO International Maritime Dangerous Goods Code (IMDG), 31st Amend.</b></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><b>International Air Transport Association (IATA) Dangerous Goods Regulations, 45th ed.</b></p> <p>English Name: <b>Corrosive liquid, acidic, inorganic, n.o.s.</b> (Phosphoric acid) ID Type: UN No: 3264 Class: 8 Label: Corrosive Packaging Group: III Pass. &amp; Cargo Aircraft Ltd Qty Pkg Inst: Y818 Pass. &amp; Cargo Aircraft Ltd Qty Max Qty / Pkg: 1 L Pass. &amp; Cargo Aircraft Pkg Inst: 818 Pass. &amp; 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 litres 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>
--	--

# Procter&Gamble

## Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

CSDS 9-1 – Issue 9  
HSC09 - Issue 5  
Issue date: September 19, 2005  
Valid until superseded

<b>15. <u>Regulatory information</u></b>	<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>Keep out of reach of children Irritating to eyes and skin In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Avoid prolonged contact with the skin. Do not mix with bleach or other cleaning products. If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Contains acid solution. Rinse hands after use.</p>
<b>16. <u>Other information</u></b>	<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. Safety Data Sheet available on <a href="http://uk.pg.com/products/safetyDataSheets/houseAndHome.html">http://uk.pg.com/products/safetyDataSheets/houseAndHome.html</a></p>