

# Procter&Gamble

## Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

Reference: 006 - Issue 16  
 PNumber: PA00161193  
 Issue date: 14/07/2009  
 Valid until superseded

**SDS NOTICE: Update according to name and formula change: Sections 1, 3 and 9**

1. Identification of the Substance/Preparation	Ariel with <i>Actilift</i> ™ - Biological (Tablets) (formerly Ariel Biological - Tablets)																																												
<p><b>Company Name:</b> Procter &amp; Gamble UK</p> <p><b>Address:</b> Brooklands, Weybridge, Surrey, KT13 0XP, UK</p> <p><b>Telephone #:</b> Tel: 01932 89 6000 Fax: 01932 89 6200</p> <p><b>Emergency phone #:</b> 0800 328 5218 (UK); 1800 535 662 (ROI)</p> <p><b>Email Address:</b> <a href="mailto:rose.yd@pg.com">rose.yd@pg.com</a></p>																																													
<p><b>2. Hazards identification</b></p>	<p>This product is not classified as dangerous according to EU Directive 1999/45/EC.</p> <p><b>Eye contact:</b> Transient superficial irritation.</p> <p><b>Skin contact:</b> Prolonged exposure may cause skin irritation.</p> <p><b>Ingestion:</b> Possible mild gastro-intestinal irritation with nausea and vomiting.</p> <p><b>Inhalation:</b> Inhaling aerosolized product may cause mild irritation of the respiratory system.</p>																																												
<p><b>3. Composition/information on ingredients</b></p>	<p>A granular laundry tablet containing:</p> <table border="1" data-bbox="517 1144 1482 1453"> <thead> <tr> <th>Common Name</th> <th>CAS</th> <th>EINECS/ELINCS</th> <th>Classification</th> <th>Conc</th> </tr> </thead> <tbody> <tr> <td>Hexanedioic acid</td> <td>124-04-9</td> <td>204-673-3</td> <td>R36-Xi</td> <td>5-10%</td> </tr> <tr> <td>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</td> <td>68411-30-3</td> <td>270-115-0</td> <td>R22,38,41-Xn</td> <td>10-20%</td> </tr> <tr> <td>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts</td> <td>68585-47-7</td> <td>271-557-7</td> <td>R38,41-Xi</td> <td>1-5%</td> </tr> <tr> <td>Carbonic acid sodium salt (1:2)</td> <td>497-19-8</td> <td>207-838-8</td> <td>R36-Xi</td> <td>10-20%</td> </tr> <tr> <td>Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3)</td> <td>15630-89-4</td> <td>239-707-6</td> <td>R22,41,8-O,Xn</td> <td>10-20%</td> </tr> <tr> <td>2-Propenoic acid, polymer with 2,5-furandione, sodium salt</td> <td>52255-49-9</td> <td>Polymer</td> <td>R53</td> <td>1-5%</td> </tr> <tr> <td>Silicic acid (H2SiO3), sodium salt (1:2)</td> <td>6834-92-0</td> <td>229-912-9</td> <td>R34,37-C</td> <td>1-5%</td> </tr> </tbody> </table>					Common Name	CAS	EINECS/ELINCS	Classification	Conc	Hexanedioic acid	124-04-9	204-673-3	R36-Xi	5-10%	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0	R22,38,41-Xn	10-20%	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	271-557-7	R38,41-Xi	1-5%	Carbonic acid sodium salt (1:2)	497-19-8	207-838-8	R36-Xi	10-20%	Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3)	15630-89-4	239-707-6	R22,41,8-O,Xn	10-20%	2-Propenoic acid, polymer with 2,5-furandione, sodium salt	52255-49-9	Polymer	R53	1-5%	Silicic acid (H2SiO3), sodium salt (1:2)	6834-92-0	229-912-9	R34,37-C	1-5%
Common Name	CAS	EINECS/ELINCS	Classification	Conc																																									
Hexanedioic acid	124-04-9	204-673-3	R36-Xi	5-10%																																									
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0	R22,38,41-Xn	10-20%																																									
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	271-557-7	R38,41-Xi	1-5%																																									
Carbonic acid sodium salt (1:2)	497-19-8	207-838-8	R36-Xi	10-20%																																									
Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3)	15630-89-4	239-707-6	R22,41,8-O,Xn	10-20%																																									
2-Propenoic acid, polymer with 2,5-furandione, sodium salt	52255-49-9	Polymer	R53	1-5%																																									
Silicic acid (H2SiO3), sodium salt (1:2)	6834-92-0	229-912-9	R34,37-C	1-5%																																									
<p><b>4. First-aid measures</b></p>	<p><b>Eye contact:</b> Rinse thoroughly with plenty of water for several minutes. If symptoms persist, seek medical advice.</p> <p><b>Skin contact:</b> Rinse affected area with water. If needed apply cold compress to relieve irritation. If symptoms persist, discontinue use of product and seek medical advice.</p> <p><b>Ingestion:</b> 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, if persistent vomiting occurs or if blood tinged vomitus is present, seek medical advice.</p> <p><b>Inhalation:</b> Go into open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Particles adhering to the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice.</p>																																												
<p><b>5. Fire fighting measures</b></p>	<p>Not explosive. Not auto-flammable. Not flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO2, dry chemical powders or alcohol resistant foam. If water is used, contain run off.</p>																																												

# Procter&Gamble

## Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

Reference: 006 - Issue 16

PANumber: PA00161193

Issue date: 14/07/2009

Valid until superseded

6. <b>Accidental release measures</b>	Avoid spillage into sewers or surface water. For large spills: scoop up product mechanically, ideally with vacuum cleaner and rework/dispose as per local legislation. For small spills: product can be washed away with plenty of water.																
7. <b>Handling and storage</b>	Store in a cool and dry area.																
8. <b>Exposure controls / Personal protection</b>	Not a hazard in normal use. No personal protective equipment required.																
9. <b>Physical and chemical properties</b>	<table border="0"> <tr> <td>Appearance:</td> <td>White tablets with green beads</td> </tr> <tr> <td>Odour:</td> <td>perfumed</td> </tr> <tr> <td>pH (1% solution):</td> <td>10.2</td> </tr> <tr> <td>Flammable:</td> <td>NO</td> </tr> <tr> <td>Explosive:</td> <td>NO</td> </tr> <tr> <td>Oxidizing:</td> <td>NO</td> </tr> <tr> <td>Relative density (g/l):</td> <td>1060 - 1120</td> </tr> <tr> <td>Water solubility:</td> <td>High</td> </tr> </table>	Appearance:	White tablets with green beads	Odour:	perfumed	pH (1% solution):	10.2	Flammable:	NO	Explosive:	NO	Oxidizing:	NO	Relative density (g/l):	1060 - 1120	Water solubility:	High
Appearance:	White tablets with green beads																
Odour:	perfumed																
pH (1% solution):	10.2																
Flammable:	NO																
Explosive:	NO																
Oxidizing:	NO																
Relative density (g/l):	1060 - 1120																
Water solubility:	High																
10. <b>Stability and reactivity</b>	Stable under normal conditions.																
11. <b>Toxicological information</b>	<p>Not acutely toxic; may cause vomiting. If very 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.</p> <table border="0"> <tr> <td>Estimated acute oral toxicity:</td> <td>LD50 (rats) &gt; 2g/kg</td> </tr> <tr> <td>Eye irritation:</td> <td>Slightly irritating to eyes</td> </tr> <tr> <td>Skin irritation:</td> <td>Slightly irritating to skin</td> </tr> <tr> <td>Chronic toxicity:</td> <td>Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects</td> </tr> <tr> <td>Contact sensitization:</td> <td>Does not provoke a sensitization reaction</td> </tr> </table>	Estimated acute oral toxicity:	LD50 (rats) > 2g/kg	Eye irritation:	Slightly irritating to eyes	Skin irritation:	Slightly irritating to skin	Chronic toxicity:	Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects	Contact sensitization:	Does not provoke a sensitization reaction						
Estimated acute oral toxicity:	LD50 (rats) > 2g/kg																
Eye irritation:	Slightly irritating to eyes																
Skin irritation:	Slightly irritating to skin																
Chronic toxicity:	Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects																
Contact sensitization:	Does not provoke a sensitization reaction																
12. <b>Ecological information</b>	<p>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.</p> <p>The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.</p>																
13. <b>Disposal considerations</b>	Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.																
14. <b>Transport information</b>	Not subject to ADR/IATA/IMDG codes.																
15. <b>Regulatory information</b>	<p>This product is not classified as dangerous according to EU Directive 1999/45/EC and national laws.</p> <p>All substances in the preparation are registered in the EU.</p>																
16. <b>Other information</b>	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.																