

SDS NOTICE: Update according to change in formulation
Format change according to REACH (2006/1907/EC): Section 2 and 3 reversed
Changes versus previous issue of this SDS: Section 1: Email
Section3: Composition
References (Header/Footer)

1. Identification of the Substance/Preparation	Ariel Biological - Tablets																																								
<p>Company Name: Procter & Gamble UK Address: Brooklands, Weybridge, Surrey KT13 0XP, UK</p> <p>Telephone #: Tel: 01932 89 6000 Fax: 01932 89 6200</p> <p>Emergency phone #: 0800 328 5218 (UK); 1800 535 662 (ROI)</p> <p>Email: rose.yd@pg.com</p>																																									
2. Hazards identification	<p>This product is not classified as dangerous according to EU Directive 1999/45/EC.</p> <p>Eye contact: Transient superficial irritation. Skin contact: Prolonged exposure may cause skin irritation Ingestion: Possible mild gastro-intestinal irritation with nausea and vomiting. Inhalation: Inhaling of particles may cause mild irritation of the respiratory system.</p>																																								
3. Composition/information on ingredients	<p>A granular laundry tablet containing:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Common Name</th> <th>CAS</th> <th>EINECS/ LINCS</th> <th>Classification</th> <th>Conc</th> </tr> </thead> <tbody> <tr> <td>2-PROPENOIC ACID, 2,5-FURANDIONE POLYMER</td> <td>52255-49-9</td> <td>Polymer</td> <td>R53</td> <td>1 - 5 %</td> </tr> <tr> <td>ADIPIC ACID</td> <td>124-04-9</td> <td>204-673-3</td> <td>Xi; R36</td> <td>5 - 10 %</td> </tr> <tr> <td>BENZENESULFONIC ACID, C10-13-ALKYL DERIV</td> <td>68411-30-3</td> <td>270-115-0</td> <td>Xn; R22, R38, R41</td> <td>10 - 20 %</td> </tr> <tr> <td>SODIUM C12-15 ALKYL SULFATE</td> <td>68890-70-0</td> <td>272-575-8</td> <td>Xi; R38, R41</td> <td>1 - 5 %</td> </tr> <tr> <td>SODIUM CARBONATE</td> <td>497-19-8</td> <td>207-838-8</td> <td>Xi; R36</td> <td>10 - 20 %</td> </tr> <tr> <td>SODIUM CARBONATE PEROXIDE</td> <td>15630-89-4</td> <td>239-707-6</td> <td>O, Xn; R8, R22, R36/38</td> <td>10 - 20 %</td> </tr> <tr> <td>SODIUM METASILICATE</td> <td>6834-92-0</td> <td>229-912-9</td> <td>C; R34, R37</td> <td>1 - 5 %</td> </tr> </tbody> </table>	Common Name	CAS	EINECS/ LINCS	Classification	Conc	2-PROPENOIC ACID, 2,5-FURANDIONE POLYMER	52255-49-9	Polymer	R53	1 - 5 %	ADIPIC ACID	124-04-9	204-673-3	Xi; R36	5 - 10 %	BENZENESULFONIC ACID, C10-13-ALKYL DERIV	68411-30-3	270-115-0	Xn; R22, R38, R41	10 - 20 %	SODIUM C12-15 ALKYL SULFATE	68890-70-0	272-575-8	Xi; R38, R41	1 - 5 %	SODIUM CARBONATE	497-19-8	207-838-8	Xi; R36	10 - 20 %	SODIUM CARBONATE PEROXIDE	15630-89-4	239-707-6	O, Xn; R8, R22, R36/38	10 - 20 %	SODIUM METASILICATE	6834-92-0	229-912-9	C; R34, R37	1 - 5 %
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4. First-aid measures	<p>Eye contact: Rinse thoroughly with plenty of water for several minutes. If symptoms persist, seek medical advice.</p> <p>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.</p> <p>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, if persistent vomiting occurs or if blood tinged vomitus is present, seek medical advice.</p> <p>Inhalation: Go into open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Particles adhering in the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice.</p>																																								

Procter&Gamble

Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

Reference: 006 – Issue 13
HDG18A - Issue 10
Issue date: July 2, 2007
Valid until superseded

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: 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. <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: White tablets with inserted 4 petal flower dimple shape containing 2 mm beads. Beads are coloured green. Odour: perfume pH (1 % aqueous solution) : ca. 10.5 Not Flammable. Non-Explosive. Non-Oxidizing. Relative density: 1045-1060 g/l
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 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. <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>	Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.
14. <u>Transport information</u>	Not subject to ADR/IATA/IMDG codes.
15. <u>Regulatory information</u>	This product is not classified as dangerous according to EU Directive 1999/45/EC and national laws. All substances in the preparation are registered in the EU.
16. <u>Other information</u>	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 http://www.scienceinthebox.com/en_UK/product/prodcomp_english_en.html