

Procter&Gamble

Household Care Products – Europe

SAFETY DATA SHEET (2001/58/EC)

Reference: 004 – Issue 7
HDL14A - Issue 8
Issue date: October 24, 2006
Valid until superseded

SDS NOTICE: Update according to change in formulation

Changes versus previous issue of this SDS: **Section 2: Composition
References (Header/Footer)**


1. Identification of the Substance/Preparation	Ariel Biological - Liquitabs																									
Company Name: Address: Telephone #: Emergency phone #: Email:	Procter & Gamble UK Brooklands, Weybridge, Surrey KT13 0XP, UK Tel: 01932 89 6000 Fax: 01932 89 6200 0800 028 3393 (UK); 1800 409 281 (ROI) Rose.yd@pg.com																									
2. Composition/information on ingredients	A liquid laundry detergent containing: <table border="1"><thead><tr><th>Common Name</th><th>CAS #</th><th>EINECS #</th><th>Classification</th><th>Conc</th></tr></thead><tbody><tr><td>C12-14 Pareth-7</td><td>68439-50-9</td><td>Polymer</td><td>Xn, N; R22, R41, R50</td><td>10 - 20 %</td></tr><tr><td>ETHOXYLATED POLYETHYLENEPOLYAMINE</td><td>68130-99-4</td><td>Polymer</td><td>Xi; R36, R38</td><td>1 - 5 %</td></tr><tr><td>MEA SALT OF LAS</td><td>68910-32-7</td><td>272-734-1</td><td>Xn: R22, R38, R41</td><td>20 – 30 %</td></tr><tr><td>NA S.O. HEDP 2H</td><td>7414-83-7</td><td>231-025-7</td><td>R53</td><td>1 – 5 %</td></tr></tbody></table>	Common Name	CAS #	EINECS #	Classification	Conc	C12-14 Pareth-7	68439-50-9	Polymer	Xn, N; R22, R41, R50	10 - 20 %	ETHOXYLATED POLYETHYLENEPOLYAMINE	68130-99-4	Polymer	Xi; R36, R38	1 - 5 %	MEA SALT OF LAS	68910-32-7	272-734-1	Xn: R22, R38, R41	20 – 30 %	NA S.O. HEDP 2H	7414-83-7	231-025-7	R53	1 – 5 %
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3. Hazards identification	This product is classified as Xi; R36 (Irritant; Irritant to eyes) according to EU Directive 1999/45/EC. Eye contact: Exposure to the eye may cause irritation. Skin contact: Prolonged exposure may cause skin irritation. Ingestion: Possible mild 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, if persistent vomiting occurs or if blood tinged vomitus is present, seek medical advice. Inhalation: Go into 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 CO2, 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.																									

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7. Handling and storage	Store in a cool and dry area.
8. Exposure controls / Personal protection	Not a hazard in normal use. No personal protective equipment required.
9. Physical and chemical properties	Appearance: green liquid Odour: perfume pH (10 % aqueous solution) : ca. 7.5 Not Flammable. Non-Explosive. Non-Oxidizing. Relative density: ca. 1.02 g/cc Water solubility: high
10. Stability and reactivity	Stable under normal conditions.
11. Toxicological information	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: Mildly to moderately 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. Ecological information	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. Disposal considerations	Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.
14. Transport information	Not subject to ADR/IATA/IMDG codes.
15. Regulatory information	This product is classified as Xi; R36 (Irritant; Irritant to eyes) according to EU Directive 1999/45/EC and national laws. All substances in the preparation are registered in Europe. <u>Label information:</u>  Irritant Irritant to eyes 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 or label
16. Other information	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