

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52697

18/01/07

ARIEL TABLETS

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: Ariel Tablets

Product stock code/s 52697

Manufacturer: Procter & Gamble UK
The Heights, Brooklands, Weybridge,
Surrey, KT13 OXP
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2. COMPOSITION/INFORMATION ON INGREDIENTS

A granular laundry tablet containing:

Name	CAS	EINECS	Content	Classification*
2-Propenoic Acid, 2,5-Furandione Polymer	52255-49-9	Polymer	1-5%	R53
Adipic Acid	124-04-9	204-673-3	1-5%	Xi; R36
Benzenesulfonic Acid C10-13-Alkyl Deriv.	58411-30-3	270-115-0	5-10%	Xn; R22. R38. R41
C12-15 Pareth-7	68131-39-5	500-195-7	1-5%	Xn, N; R22. R41.R50
Disodium Disilicate	13870-28-5	237-623-4	1-5%	Xi; R41
Quaternary Ammonium Compounds, C8-10-Alk	Unassigned	Notified	1-5%	Xn; R21/22. R38.R52
Sodium c12-15 Alkyl Sulfate	68890-70-0	272-575-8	1-5%	Xi; R38 R41
Sodium Carbonate	497-19-8	207-838-8	5-10%	Xi; R36
Sodium Carbonate Peroxide	15630-89-4	239-707-6	10-20%	O, Xn; R8. R22. R36/38
Sodium Metasilicate	6834-92-0	229-912-9	1-5%	C; R34. R37

* Risk Phrases: Full text is listed in section 16

3. HAZARDS IDENTIFICATION

This product is not classified as dangerous according to EU Directive 1999/45/EC.

Eye contact: Transient superficial irritation.

Skin contact: Prolonged exposure may cause skin irritation.

Ingestion: Possible mild to moderate gastro-intestinal irritation with nausea and vomiting.

Inhalation: Inhaling of particles may cause mild irritation of the respiratory system.

ARIEL TABLETS**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. Particles 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

- Fire hazard:** 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

- Environment protection:** Avoid spillage into sewers or surface water.
- Clean up Methods:**
- For large spills:** scoop up 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. HANDLING AND STORAGE

- Handling:** Assure adequate ventilation.
- Storage:** Store in a cool and dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection:** Not a hazard in normal use. No personal protective equipment required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Not Flammable. Non-Explosive. Non-Oxidizing.

- Appearance:** White tablets with inserted 4-petal flower dimple shape containing 2mm beads. Beads are coloured green.
- Odour:** Perfume
- pH:** (10 % aqueous solution): ca. 10.5
- Reserve alkalinity to pH10:** >6.2g NaOH/100 g
- Relative density:** 1045 - 1060 g/l
- Water solubility:** High

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.

ARIEL TABLETS**11. TOXICOLOGICAL INFORMATION**

- Toxicity:** 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) > 2 g/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. ECOLOGICAL INFORMATION

- Environment:** 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. DISPOSAL CONSIDERATIONS

Product 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 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. 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.

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements; it should not therefore be construed as guaranteeing specific properties.

Full text of Risk Phrases listed in section 2:

- R-8 Contact with combustible material may cause fire
R-21/22 Harmful in contact with skin and if swallowed
R-22 Harmful if swallowed
R-34 Causes burns
R-36 Irritating to eyes
R-37 Irritating to respiratory system
R-36/38 Irritating to eyes and skin
R-38 Irritating to skin
R-41 Risk of serious damage to eyes
R-50 Very toxic to aquatic organisms
R-52 Harmful to aquatic organisms
R-53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

PLEASE ENSURE THIS SAFETY DATA SHEET IS PASSED TO THE APPROPRIATE PERSONS IN YOUR COMPANY, WHO ARE CAPABLE OF ACTING ON THE INFORMATION.

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