



HEALTH AND SAFETY DATA SHEET PRODUCT CODE: 33-045

Andarta Automatic Dishwasher Powder

Arrow County Supplies
Arrow House
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Shrewsbury
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DATE: 16/12/2006 TEL: 01743 283600 FAX 01743 283601

1. Identification of the Substance/Preparation

Automatic Dishwasher Powder

2. Composition/information on ingredients

A powder Automatic Dishwashing Powder containing:

Common Name	CAS	Classification	Conc
DISODIUM DISILICATE	13870-28-5	Xi; R41	15- 30 %
SODIUM CARBONATE	497-19-8	Xi; R36	> 30 %
SODIUM PERBORATE TETRAHYDRATE	10486-00-7	Xi; R36	>20 %

3. Hazards identification

This product is classified as Irritant

Eye contact: Irritating to eyes.

Skin contact: Prolonged exposure may cause skin irritation

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

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

4. First-aid measures

Eye contact: Rinse thoroughly with plenty of water for several minutes, holding eyelids open.

If symptoms persist, seek medical advice.

Skin contact: Rinse affected area with water. If needed apply cold compress to relieve irritation.

Ingestion: Drink a small amount of water. 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 vomit 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

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: 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. Handling and storage

Store in a cool and dry area. Avoid contact with eyes. Rinse and dry hands after use, for prolonged contact protection of hands may be necessary. Do not breathe dust. Do not mix with any other chemicals.

8. Exposure controls / Personal protection

Hand : Use gloves resistant to alkalis.

Eyes : Personal protection is not normally required unless a risk assessment indicates the need for it.

Skin : Personal protection is not normally required unless a risk assessment indicates the need for it.

Respiration : When the product is used as directed, personal protective equipment is not required unless a risk assessment indicates the need for it. For low levels of exposure use mask suitable for non-toxic nuisance and respirable dusts, and aqueous mists

9. Physical and chemical properties

Appearance: Pale green/ blue powder with distinct blue speckles

Odour: Characteristic

pH (10 % aqueous solution) : alkaline

Reserve alkalinity: n/a g NaOH/100 g

Not Flammable. Non-Explosive. Non-Oxidizing.

Relative density: ca. 1.2 g/l

Water solubility: high

10. Stability and reactivity

Keep away from acids. Exothermic reaction with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

11. Toxicological information

Eyes : Irritant

Skin : Unlikely to be irritant in normal use.

Inhalation : Irritant

Ingestion : Irritant

12. Ecological information

The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route.

Ingredients according to EC 89/542

More than 20 % Oxygen based bleaching agents.

13. Disposal considerations

Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation. This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

14. Transport information

Not subject to ADR/IATA/IMDG codes.

15. Regulatory information

Hazard symbol : Xi, IRRITANT.

Risk phrases : R36 Irritating to eyes.

Safety phrases : S22 Do not breathe dust.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. Other information

This product does not require any special training before use. Usage and handling instructions are not mentioned on this Material Safety Data Sheet. R36 Irritating to eyes.