

# JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52370 - 52371

18/01/07

## AIC TOILET CLEANER & DESCALER

### 1. IDENTIFICATION OF CHEMICAL

**Name of product:** AIC Toilet cleaner and descaler

**Stock Code/s:** 52370 - 52371

**Applications:** Bactericidal liquid for cleaning and descaling toilets and urinals.  
Safe to use on stainless steel.

**Manufacturer:** Clover Chemicals Ltd  
Clover House,  
Macclesfield Road,  
Whaley Bridge, High Peak,  
Derbyshire. SK23 7DQ  
Tel:01663 733114 Fax:01663 733115

**Distributor:** John Astley & Sons Ltd,  
Renown Avenue,  
Coventry Business Park,  
Coventry CV5 6UF  
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

### 2. COMPOSITION

**Hazardous ingredients:**

Name	EINECS No.	CAS-No.	Content	Classification *
Sulphamic Acid	226-218-8	5329-14-6	1-10%	Xi;R36/38; R52/53
(C9-C18) Perth (2-18) -		68002-97-1	1-10%	Xn;R22. N; R50. Xi; R41

\* For the full text of all Risk phrases see section 16

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes.

### 4. FIRST AID MEASURES

**Skin contact:** There may be irritation and redness at the site of contact.  
Wash immediately with plenty of soap and water.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.  
Bathe the eye with running water for 15 minutes.  
Transfer to hospital for specialist examination.

**Ingestion:** There may be soreness and redness of the mouth and throat.  
Nausea and stomach pain may occur.  
Wash out mouth with water. Do not induce vomiting.  
If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
Transfer to hospital as soon as possible.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.  
Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire fighters:** Wear self-contained breathing apparatus.  
Wear protective clothing to prevent contact with skin and eyes.

**AIC TOILET CLEANER & DESCALER****6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.  
Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

- Handling requirements:** Avoid direct contact with the substance.  
Ensure there is sufficient ventilation of the area.  
Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well-ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Hand protection:** Impermeable gloves.
- Eye protection:** Safety glasses.
- Skin protection:** Protective clothing.
- Information should be confirmed by workplace assessment.**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- State:** Liquid
- Colour:** Blue
- Odour:** Sweet-smelling
- Evaporation rate:** Moderate
- Oxidising:** Non-oxidising (by EC criteria)
- Solubility in water:** Soluble
- Viscosity:** Viscous
- Relative density:** 1.045
- pH:** 1% = 2 -2.5

**10. STABILITY AND REACTIVITY**

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat.
- Materials to avoid:** Strong oxidising agents. Strong acids.
- Haz. decomp. Products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

- Hazardous ingredients:**
- Sulphamic Acid: IPR RAT LDLO 100 mg/kg  
ORL MUS LD50 1312 mg/kg  
ORL RAT LD50 3160 mg/kg
- (C9-C18) Perth (2-18)  
ORL RAT LD50 >2000 mg/kg
- Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**AIC TOILET CLEANER & DESCALER****12. ECOLOGICAL INFORMATION**

- Mobility:** Readily absorbed into soil.  
**Degradability:** Biodegradable.  
**Bioaccumulative potential:** No bioaccumulation potential.  
**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

- Disposal of packaging:** Dispose of as normal industrial waste.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

- EEC Regulation:** Not regulated

**15. REGULATORY INFORMATION**

- Hazard symbol:** Xi, Irritant  
**Risk phrases:** R-36 Irritating to eyes.  
**Safety phrases:** S-2: Keep out of the reach of children.  
S-26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**Seveso II guideline:** No  
**Water hazard class:** 1 Classification by VwVwS  
**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

- Handle and apply only as recommended.
- Risk phrases  
Used in section 2:**
- R-36/38: Irritating to eyes and skin.
  - R-52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
  - R-22: Harmful if swallowed.
  - R-50: Very toxic to aquatic organisms.
  - R-41: Risk of serious damage to eyes.

**DISCLAIMER**

This information relates only to the specific material designated. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use.

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