

**SAFETY DATA SHEET**  
LAUNDRY RINSE ADDITIVE (ACID)

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** LAUNDRY RINSE ADDITIVE (ACID)

**Product code:** 521

**Use of substance / preparation:** 521 : Laundry rinse additive (acid)

**Company name:** Clover Chemicals Ltd

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Derbyshire

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**2. HAZARDS IDENTIFICATION**

**Main hazards:** Causes burns.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** /-ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE 1-10%

EINECS: 269-919-4

[Xn] R22; [C] R34

- (C9-C18)PARETH(2-18).. 1-10%
- (C9-C18)PARETH(2-18). 1-10%
- ORTHOPHOSPHORIC ACID 30-50%

EINECS: 231-633-2 CAS: 7664-38-2

[C] R34

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** Severe burns may occur.

**Eye contact:** Corneal burns may occur.

**Ingestion:** Corrosive burns may appear around the lips. Nausea and stomach pain may occur.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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**Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water.

**Exposure hazards:** Corrosive.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Absorb into dry earth or sand.

**7. HANDLING AND STORAGE**

**Suitable packaging:** Stainless steel. Polyethylene. Glass.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** ORTHOPHOSPHORIC ACID...100%  
WEL (8 hr TWA): 1 mg/m<sup>3</sup> WEL (15 min STEL): 2 mg/m<sup>3</sup>

**Hand protection:** Gloves (acid resistant).

**Eye protection:** Safety glasses with side-shields.

**Skin protection:** Alkali resistant protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Colourless

**Odour:** Odourless

**Evaporation rate:** Slow

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Relative density:** 1.121

**pH:** 1

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Bases. Oxidising agents.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** ORTHOPHOSPHORIC ACID...100%  
ORL RAT LD50 1530 mg/kg

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**12. ECOLOGICAL INFORMATION**

**Hazardous ingredients:** (C9-C18)PARETH(2-18)..  
DAPHNIA 96H LC50 1 mg/l

- (C9-C18)PARETH(2-18).  
DAPHNIA 72H IC50 >11.8 mg/l

**Mobility:** Soluble in water.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**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****ADR / RID**

<b>UN no:</b> 3264	<b>ADR Class:</b> 8
<b>Packing group:</b> III	<b>Classification code:</b> C1
<b>Shipping name:</b> CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID ( 38 % ))	
<b>Labelling:</b> 8	<b>Hazard ID no:</b> 80

**IMDG / IMO**

<b>UN no:</b> 3264	<b>Class:</b> 8
<b>Packing group:</b> III	<b>EmS:</b> F-A,S-B
<b>Marine pollutant:</b> .	
<b>Labelling:</b> 8	

**IATA / ICAO**

<b>UN no:</b> 3264	<b>Class:</b> 8
<b>Packing group:</b> III	
<b>Packing instructions:</b> 818(P&CA); 820(CAO)	
<b>Labelling:</b> 8	

**15. REGULATORY INFORMATION**

**Hazard symbols:** Corrosive.

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**Risk phrases:** R34: Causes burns.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**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

**Risk phrases used in s.3:** R22: Harmful if swallowed.  
R34: Causes burns.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.