

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name**    **Accepta 2513**

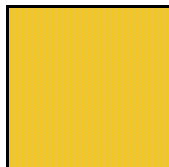
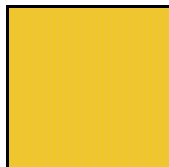
**Application**     A self indicating descalant and disinfectant for use on shower heads.

**Supplier**         **Accepta Ltd**  
 Statham House, Talbot Road  
 Manchester, M32 0FP, United Kingdom  
 Tel: +44 (0)161 877 2334   Fax: +44 (0)870 135 6389

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No	% (active)	EINECS-No.	Symbols	R-phrases
Sulphamic acid	5329-14-6	5 - 15%	226-218-8	Xi-Irritant,	R36/38, , , ,
Phosphoric acid	007664-38-2	5 - 15%		C-Corrosive,	R34, , , ,
Benzalkonium Chloride	68391-01-5	1 - 5%	269-919-4	C-Corrosive,	R22, R34, R50, R53,
				,	, , , ,
				,	, , , ,
				,	, , , ,

## 3. HAZARDS IDENTIFICATION



Physical / chemical hazards:    Irritant

Environmental Hazards:            pH lethal to aquatic life

Human health hazards:            Irritating to eyes, respiratory system and skin

## 4. FIRST AID MEASURES

**Ingestion:**        Severely irritating to mouth and gastrointestinal tract.

Wash out mouth with water then drink plenty of water. Do not induce vomiting. Consult doctor and show this datasheet.

**Inhalation:**        Irritating to respiratory tract

Remove to fresh air. Obtain medical advice if symptoms persist.

**Skin contact:**    Irritation and redness of skin. Soreness on prolonged contact.

Wash with soap and water. Remove contaminated clothing for washing. Consult doctor in accordance with symptoms.

**Eye contact:**     Severe irritation. Prolonged contact may cause damage.

Immediately rinse eye with sterile water for 20 minutes. Seek medical advice.

Notes to doctor: None

## 5. FIRE FIGHTING MEASURES

Flammability: Non-flammable  
Extinguishing media: Water spray jet, extinguishing powder or foam, carbon dioxide .  
Unsuitable extinguishing media: None  
Hazardous decompositions: Acidic fumes released on heating.  
Protective equipment: Wear full protective equipment - gloves, eye/face protection and overalls.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear full protective equipment - gloves, eye/face protection and overalls. Ensure sufficient air supply.  
Environmental precautions: Do not allow to enter water courses. Uncontrolled discharges must be alerted to the Environment agency or other appropriate body.  
Methods of clean up: Small spillages can be flushed to drain with additional water. Large spillages should be contained. Neutralise to pH 6-10 with a convenient alkali before discharge to drain

## 7. HANDLING AND STORAGE

Handling: Avoid direct contact with product. Before eating, drinking or smoking wash hands with soap and water.  
Storage: Store at ambient temperature. Do not allow to freeze. Store away from strong alkalis and chlorinated materials.  
Shelf life: >12 months  
Suitable packaging: Polyethylene containers, PVC, PTFE, glass and rubber lined steel.  
Unsuitable packaging: All metals and alloys including stainless steel.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: Substance: No materials present that are listed in EH40/2005.  
Long term WEL (8 Hr): ppm mg/m<sup>3</sup>  
Short term WEL (15 min): ppm mg/m<sup>3</sup>  
Engineering measures: Acid - resistant floor necessary.  
Respiratory protection: Not applicable unless aerosol formation possible, in which case appropriate respiratory protection must be worn.  
Skin, hand and body protection: Overalls, boots and rubber gloves.  
Eye protection: Chemical goggles or face shield.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Solution Boiling point (C):  
Colour: Dark orange Decomposition temp (C):  
Odour: Slight Specific Gravity: 1.09  
Molecular weight: Solubility: Completely miscible  
pH: <2 Flash point (C):

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions May crystallise below 0 C.

Thermal decomposition: Stable

Conditions to avoid: Avoid temperature extremes.

Materials to avoid: Reacts with most metals releasing the highly flammable gas hydrogen.

Hazardous reactions: Will react with bases . Avoid contact with hypochlorite solutions.

Decomposition products: Stable

## 11. TOXICOLOGICAL INFORMATION (of hazardous constituents)

Acute toxicity: Oral; Sulphamic acid Irritant  
Dermal: Sulphamic acid Irritant  
Inhalation: Mists or sprays irritating to respiratory system  
Eye: Irritant

Other data:

## 12. ECOLOGICAL INFORMATION

Biodegradability  
and persistence:

Ecotoxic effects: pH effects only

Other data:

## 13. DISPOSAL CONSIDERATIONS

Methods of disposal: Small quantities can be disposed of via a foul drain after neutralising with lime. Larger quantities should be handled by a licensed contractor in accordance with Waste Disposal Regulations.

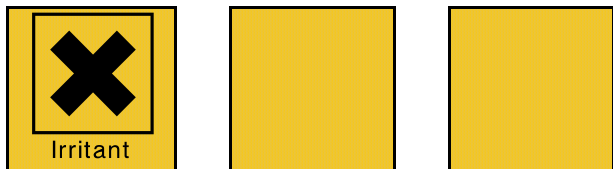
Packaging disposal: Return empty containers to the supplier for recycling or destroy by cutting up or by incineration. Do not use for potable water.

## 14. TRANSPORT INFORMATION

UN No.: 1760 Proper shipping name: PROPER SHIPPING NAME - CORROSIVE LIQUID,N.O.S.(contains sulphamic acid)

Mode	Regulation	Class	Packing group	Ems No.	Stowage	Code	Subsidiary risk
Road/Rail	European - ADR/RID	8	III				
Sea	IMO / IMDG						
Air	ICAO / IATA						

## 15. REGULATORY INFORMATION (Classification and labelling according to UK CHIP Regs/EEC Directive 88/379/EEC)



### Risk Phrases

R36/38 Irritating to eyes and skin

### Safety phrases

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

S37/39 Wear suitable gloves and eye/face protection

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

## 16. OTHER INFORMATION

The above information is based on current knowledge at the time of publication and is given in good faith. Accepta Ltd implies no warranty as to the suitability of the product for any purpose other than that outlined on the Product Data Sheet.

The information contained in this SDS does not constitute an assessment of work place risks. The customer should undertake a formal COSHH assessment which should ensure that employees are aware of the hazards / precautions detailed in the SDS. The COSHH assessment should ensure that the recommended safety equipment is available and where applicable, that the exposure limits detailed in section 8 are not being exceeded.

References: The Carriage of Goods by Road and Rail Regulations.  
The Control of Substances Hazardous to Health Regulations (COSHH).  
The Chemicals Hazard Information and Packaging Regulations (CHIP).