

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name **ACCEPTA 2597**

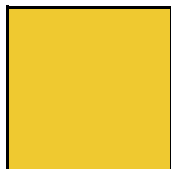
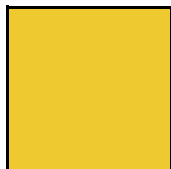
Application A liquid biocide for the control of bacteria, fungi and algae in open recirculating cooling systems and evaporative condensers.

Supplier **ACCEPTA LTD**
STATHAM HOUSE, TALBOT ROAD,
OLD TRAFFORD, MANCHESTER, M32 0FP
Tel: 0161 877 2334 Fax: 0870 135 63 89
sales@accepta.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No	% (active)	EINECS-No.	Symbols	R-phrases
Didecyl dimethyl ammonium chloride	007173-51-5	10 - 20%	230-525-2	C-Corrosive, Xn-Harmful	R22, R34, , ,
				,	, , , ,
				,	, , , ,
				,	, , , ,
				,	, , , ,
				,	, , , ,

3. HAZARDS IDENTIFICATION



Physical / chemical hazards:

Irritant

Environmental Hazards:

Toxic to wildlife and fish

Human health hazards:

Irritating to eyes and skin

4. FIRST AID MEASURES

Ingestion: Irritating to mouth and gastrointestinal tract.

Drink plenty of water. Do not induce vomiting.

Inhalation: If inhaled as an aerosol severely irritating to respiratory tract.

Remove to fresh air. Obtain medical advice .

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: Irritating to eyes

Immediately rinse eye with sterile water for 10 minutes. If irritation persists, seek medical advice.

5. FIRE FIGHTING MEASURES

Flammability:	Non-flammable
Extinguishing media:	Water spray jet, extinguishing powder or foam, carbon dioxide .
Unsuitable extinguishing media:	None
Hazardous decompositions:	Decomposition generates oxides of carbon (CO and CO ₂) and nitrogen (NO _x).
Protective equipment:	Protective clothing and self-contained breathing apparatus.

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 foul drain. Larger spillages should be contained, adsorbed onto inert material and collected into suitable plastic containers. Clearly label. Disposal should be handled by a licensed contractor in accordance with Waste Disposal regulations.

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 foodstuffs. After dispensing product, ensure that the container is firmly secured.
Shelf life:	>12 months
Suitable packaging:	Polyethylene containers.
Unsuitable packaging:	Metals and alloys.

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 ³
	Short term WEL (15 min):	ppm	mg/m ³
Engineering measures:	None		
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:	Clear	Decomposition temp (C):	Decomposes on boiling
Odour:	Almond smell	Specific Gravity:	0.983
Molecular weight:		Solubility:	Completely miscible
pH:	5.0 - 7.0	Flash point (C):	

10. STABILITY AND REACTIVITY

- Stability: Stable under normal conditions.
- Thermal decomposition: Decomposition generates oxides of carbon (CO and CO₂) and nitrogen (NO_x).
- Conditions to avoid: Prolonged excessive heat may cause product decomposition.
- Materials to avoid: Metals and alloys.
- Hazardous reactions: Strong oxidisers and anionically charged species.
- Decomposition products: Decomposition generates oxides of carbon (CO and CO₂) and nitrogen (NO_x).

11. TOXICOLOGICAL INFORMATION (of hazardous constituents)

- Acute toxicity: Oral; Didecyl dimethyl ammonium chloride LD50 (oral/rat) 1750 mg/kg
Dermal: Didecyl dimethyl ammonium chloride LD50 (dermal, rabbit) 13,850 mg/Kg
Inhalation: Mists or sprays irritating to respiratory system
Eye: Irritant

Other data:

12. ECOLOGICAL INFORMATION

- Biodegradability and persistence: 95% biodegradability
- Ecotoxic effects: Toxic to aquatic organisms, fish and wildlife.
- Other data: COD : 6055 mg/l.

13. DISPOSAL CONSIDERATIONS

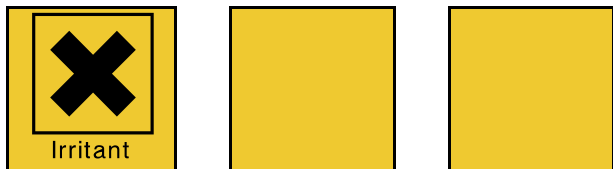
- Methods of disposal: Small quantities can be disposed of via a foul drain. Larger quantities should be handled by a licensed contractor in accordance with Waste Disposal Regulations.
- Packaging disposal: Return empty containers to the supplier for recycling or destroy by cutting up or by incineration. Do not use for potable water.

14. TRANSPORT INFORMATION

UN No.: N/A Proper shipping name: PROPER SHIPPING NAME - Nil hazard for transport

Mode	Regulation	Class	Packing group	Ems No.	Stowage	Code	Subsidiary risk
Road/Rail	European - ADR/RID	N/A	N/A				
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

S28 After contact with skin, wash immediately with plenty of water.

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 of the product at the time of publication and is given in good faith.

It is believed to be correct but does not purport to be all-inclusive and shall therefore be used only as a guide. ACCEPTA LTD implies no warranty with respect to the quality, specification or the suitability of the product. The client/user must completely satisfy themselves that the product is entirely suitable for the intended purpose.

In no event shall ACCEPTA LTD be held liable for any injury, loss or damage, to persons, plant or equipment or loss of production/sales resulting from its use or storage.

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).