

SAFETY DATA SHEET**PRODUCT NAME:** Accepta 2301**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Chemical Identity Aqueous solution of polyquaternary ammonium compound
Recommended use: Polymeric cationic microbiocide

Supplier Accepta Limited
Quay West, Trafford Wharf Road
Manchester, M17 1HH
UK
Tel: +44(0)161 240 2100 Fax: +44 (0)870 135 6389
Email for product and safety data sheets: info@accepta.com

Emergency (ONLY) telephone +44 (0)161 240 2101

2. COMPOSITION/INFORMATION ON INGREDIENTS CONTRIBUTING TO HAZARD CLASSIFICATION AND/OR HAVE COMMUNITY WORKPLACE EXPOSURE LIMITS

	<u>CAS No</u>	<u>Contents</u>	<u>Health (class)</u>	<u>Risk(R)</u>
Product contains: Polymeric quaternary ammonium chloride	n/a	30-40%	N	50/53

3. HAZARD IDENTIFICATION OF PREPARATION

Symbol(s) N Risk Phrase(s) R50/53
Product dangerous for the environment
Very toxic to aquatic organisms and may cause long-term adverse effect on the aquatic environment.

4. FIRST AID MEASURE

General Instructions: In all cases of doubt, or when symptoms persist, seek more advice. Remove from exposure, rest and keep warm. Seek medical attention, treat symptomatically.

Skin Contact: Drench affected area with plenty of water, remove contaminated clothing immediately. Seek medical attention.

Eye Contact: Irrigate the eyes thoroughly with water for at least 15 minutes, holding the eyelids apart if necessary. Obtain medical attention.

Ingestion: Wash out mouth with water and give plenty of water to drink. DO NOT induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURE

Extinguishing Media Carbon dioxide (CO₂) water spray, foam.

Unsuitable Extinguishing Media None known

Hazardous Combustion Products: None known

Special equipment for fire fighting Wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with the product, wear appropriate protective clothing when dealing with spillages.
Environmental Precautions In accordance with national waste/ water regulations
Clean up Procedure Spillages should be absorbed on inert material eg sand before incineration or deposition.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin
Storage Keep container closed and in a cool, well ventilated place.

8. EXPOSURE CONTROLS

Exposure Limit (8hrs) n/a Type - n/a

Protective Measures

Respiratory: Not required
Hand: Wear suitable impervious gloves
Eye: Wear chemical goggles
Skin: Wear suitable overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Almost colourless liquid	Solubility in water	Miscible in water
Odour	Mild	Solubility in other solvents:	Not determined
pH	approx 7	Partition coefficient and N-octanol/water:	Not determined
Boiling Point/Boiling Range	Approx 100°C	Other Data	None
Melting Point/Melting Range	n/a		
Flash Point	>100°C (closed cup)		
Flammability	n/a		
Autoflammability	n/a		
Explosive Properties	n/a		
Oxidising Properties	n/a		
Vapour Pressure	Not determined		
Relative Density	1.04 approx		

10. STABILITY AND REACTIVITY

Stability	The product is stable under normal conditions
Conditions to Avoid	None
Materials to Avoid	Strong oxidising agents
Hazardous Decompositions	Oxides of carbon and nitrogen and acidic fumes of hydrogen chloride

11. TOXICOLOGICAL INFORMATION

Low toxicity	
Acute oral LD50 (Mouse) >2g/Kg	
Local effects:	Repeated or prolonged contact may cause slight irritation to the skin, slightly irritating to the eyes.

12. ECOLOGICAL INFORMATION

Environmental Effects	Toxic to fish. Do not allow to contaminate surface waterways. However, it will absorb on clays and soils and will therefore be rapidly removed from water courses, thus presenting little hazard to fish in normal circumstances. This cationic material will form insoluble complexes with anionic surfactants commonly found in aqueous effluents and will subsequently be biodegradable.
Ultimate destination of product:	Soil and Sedimentation
Effects on the aquatic environment	LC50 (Daphnia): 0.8-3.2ppm (estimate) LC50 (Fish: Lepomis macrochirus)/96h: 3.2-6.5ppm (estimate) LC50 (Fish: Salmo gairdneri)/96h: 3.2-6.5ppm (estimate)

13. DISPOSAL CONSIDERATIONS

Product :	In accordance with national waste regulations
Container:	Wash out empty containers with plenty of water.

14. TRANSPORT INFORMATION**LAND TRANSPORT**

UN Class	9	Item Number	None
UN Number	3082	ADR Class	9
		Packaging Group	III
Proper Shipping Name (PSN)	Environmentally hazardous substance liquid NOS UN No 3082		

SEA TRANSPORT

UN Number	3082	Class	9
Packing Group	III	Marine Pollutant	Yes
EMS	n/a	MFAG	n/a
		IMDG Code	9028
		PSN	Same as above

15. REGULATORY INFORMATION

Chemical identity:	Aqueous blend of polyquaternary ammonium compound
Labelling according to the Chemical (Hazard Information and Packaging) Regulations 2002 CHIP 3	
EEC Number	n/a
Symbol(s)	N - Dangerous for the environment
Risk Phrases:	R50/53 - Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
Safety Phrase(s)	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

16. OTHER INFORMATION

Further details might be available upon request from Accepta Limited.

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