

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**

		Item Number	None
UN Class	9	ADRC Class	9
UN Number	3082	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.

Date SDS Revised February 2003 Issue 3