

Ashford

COSHH Assessment BD601

Product Name	ASH BD 601	Main Keyword	1 Bio-Dispersant Dosing	Sub	IPC		Assessment Hazards	
Ashford Environmental Services Ltd The Power House 21 Woodthorpe Road Ashford Middlesex TW15 2RP	Tel 01784 465838 Fax 01784 465848	Date	11.6.2008: Revised August 2015	Contents	No Significant Hazard			
				Biodispersant and surfactant for use in evaporative cooling systems and process waters.		Corrosive		
Hazard Rating	Minimal	Physical State	Liquid	Exposure Limits	N/A			
Main hazards	Most important adverse effects: Irritating to skin. Risk of serious damage to eyes. Causes serious eye damage.							
People likely to be affected	Employees and Subcontractors							
Health Considerations	May cause mild irritation by skin contact. Skin - may be mild irritation at the site of contact. Eye - may be irritation and redness. Ingestion -may be difficulty swallowing. Inhalation - Liquid product, Inhalation unlikely.					Sufficient Ventilation	To EN 345	PVC EN 374-3 (Chem. Resist)
Exposure Control Measures	Engineering measures: Ensure there is sufficient ventilation of the area. Hand protection: Protective gloves. Eye protection: Safety glasses. Skin protection: Protective clothing. To be stored in a secure location. Drums can be stored in a bund to contain possible spillage/leakage. Appropriate PPE to be worn by operatives administering it. Empty containers to be rinsed out on site and returned to Yard for collection. Eye bathing equipment should be available on the premises.							
Spillage Considerations	Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not discharge into drains or rivers. Contain the spillage with bunding. Absorb onto dry earth or sand or spill kit pads. Transfer clean up material into sealable disposal containers for collection and disposal by a registered company. Wash the							

spillage site with plenty of water.			
First Aid Measures			
Skin –Immediately wash with soap and water. Eye – Bathe the eye with running water for 15 minutes. Ingestion – Do not induce vomiting. If conscious, give 1 pint of water drink immediately. Transfer to hospital as soon as possible. Inhalation . If unconscious check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.			
Fire Precautions Extinguisher media: - water, Carbon Dioxide, dry chemical powder Exposure hazards: - In combustion emits toxic fumes. In combustion emits toxic fumes of nitrogen oxides. Protection for Fire Fighters: - Wear self contained breathing apparatus.			
		CO ₂ /water	SCBA
This assessment was prepared by ASHFORD Environmental Services Ltd		Printed	
		Ref	

This COSHH assessment is concerned with the introduction of a Bio-dispersants into a water system to control bio-film activity within the water system. There are four anticipated activities to consider. This assessment is based on there being good general ventilation whilst all the operations are being undertaken.				
1) Using a balance tank and circulation pump	Activity	Decanting in to balance tank	Control Measures	Use PPE as specified on page 1 of the assessment
2) Directly into a circulation tank	Activity	Decanting into the circulation tank	Control Measures	Use PPE as specified on page 1 of the assessment
3) Into a dosing pot	Activity	Decanting into a dosing pot	Control Measures	Use PPE as specified on page 1 of the assessment
4) Into a dosing tank (pulse feed type injection)	Activity	Decanting into a dosing tank (a reservoir for the pulse pump)	Control Measures	Use PPE as specified on page 1 of the assessment