










		Main	1	Sub		IPC		Assessment		
Product Name	ASH BD 601	Keyword	Bio-Dispersant Dosing			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			No Significant Hazard	 Corrosive			
		Contents								
		Biodispersant and surfactant for use in evaporative cooling systems and process waters.								
Hazard Rating	Minimal	Physical State	Liquid	Exposure Limits	N/A					
<b>Main hazards</b> Most important adverse effects: Irritating to skin. <b>Risk of serious damage to eyes.</b> Causes serious eye damage.						 Sufficient Ventilation	 To EN 345	 PVC EN 374-3 (Chem. Resist)		
<b>People likely to be affected</b> Employees and Subcontractors										
<b>Health Considerations</b> May cause mild irritation by skin contact. <b>Skin</b> - may be mild irritation at the site of contact. <b>Eye</b> - may be irritation and redness. <b>Ingestion</b> –may be difficulty swallowing. <b>Inhalation</b> - Liquid product, Inhalation unlikely.						 Goggles (EN166)	 Coveralls	 RPE not required in vented areas		
<b>Exposure Control Measures</b> <b>Engineering measures:</b> Ensure there is sufficient ventilation of the area. <b>Hand protection:</b> Protective gloves. <b>Eye protection:</b> Safety glasses. <b>Skin protection:</b> 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.										
<b>Spillage Considerations</b> 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			
<b>Skin</b> –Immediately wash with soap and water. <b>Eye</b> – Bathe the eye with running water for 15 minutes. <b>Ingestion</b> – Do not induce vomiting. If conscious, give 1 pint of water drink immediately. Transfer to hospital as soon as possible. <b>Inhalation</b> . If unconscious check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.			
Fire Precautions			
<b>Extinguisher media:</b> - water, Carbon Dioxide, dry chemical powder  <b>Exposure hazards:</b> - In combustion emits toxic fumes. In combustion emits toxic fumes of nitrogen oxides.  <b>Protection for Fire Fighters:</b> - Wear self contained breathing apparatus.		 CO <sub>2</sub> /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