












Ashford

COSHH Assessment ASH bp304i

Product Name		ASH 304i		Main		1		Sub		IPC		Assessment		Hazards	
Ashford Environmental Services Ltd The Power House 21 Woodthorpe Road Ashford Middlesex TW15 2RP FAX: 01784465848 Email: services@ashford-group.co.uk				Keyword		Biocide Dosing									
				Date		30 06 2011 Revised August 2015									
				Contents											
				Blend of biocidal agents 2-BROMO-2-NITROPROPANE-1,3-DIOL 1-10% 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE < 1% 2-METHYL-2H-ISOTHIAZOL-3-ONE <1%											
Hazard Rating		High		Physical State		Liquid		Exposure Limits		No UEL quoted, to be used in well ventilated areas					
Main Hazards Harmful in contact with skin and if swallowed. Risk of serious damage to eyes. May cause sensitisation by skin contact.															
People likely to be affected										Adequate ventilation required		Boots to EN 345		Gloves to EN 374 (Chem resistant)	
Employees and Subcontractors															
Health Considerations Harmful in contact with skin and if swallowed. Skin contact: There may be irritation and redness at the site of contact. Eye contact: There may be irritation and redness. Ingestion: Nausea and stomach pain may occur. There may be vomiting. Nausea and stomach pain may occur. There may be vomiting. Drowsiness or mental confusion may occur. Delayed / immediate effects: Immediate effects can be expected after short-term exposure.															
Exposure Control Measures 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. Engineering measures: Ensure there is sufficient ventilation of the area. Respiratory protection: No specific recommendations , but respiratory protection may be required under exceptional circumstances. Hand protection: Protective gloves. Eye protection: Safety goggles. Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.										Goggles (EN166)		Overalls to EN 340		RPE may be required in exceptional circumstances	
Spillage Considerations															

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Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak side up to limit the spill. Ventilate the area. Do not discharge into drains or rivers. Contain the spillage with bunding. Absorb onto dry earth or sand or with spill kit pads.. Transfer to a closable, labeled salvage container for disposal by an approved waste disposal contractor. Wash the spillage site with large amounts of water.			
First Aid Measures			
Skin Contact – Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected area with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms. Eye Contact – Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination. Ingestion – Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.. Inhalation remove casualty from exposure ensuring one's own safety whilst doing so. Remove to fresh air, allow to rest. If unconscious check for breathing and apply artificial respiration if necessary. If unconscious and breathing place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualties sit and provide oxygen (if available). Transfer to hospital as soon as possible.			
Fire Precautions			
Extinguisher media: - Carbon Dioxide			
Exposure hazards: - In combustion emits toxic fumes.			
Protection for Fire Fighters: - Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin.			
		CO2	
		Protective clothing	Carbon Dioxide
			SCBA
This assessment was prepared by ASHFORD Environmental Services Ltd		Printed	
		Ref	

This COSHH assessment is concerned with the introduction of a Biocide into a water system to control bacterial 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 via a measuring jug	Control Measures	Use PPE as specified on page 1 of the assessment
2) Directly into a circulation tank	Activity	Decanting into the circulation tank via a measuring jug	Control Measures	Use PPE as specified on page 1 of the assessment
3) Into a dosing pot	Activity	Decanting into a dosing pot via a measuring jug	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