Ashford

COSHH Assessment DE RUST E

ASHFORD ENVIRONMENTAL SERVICES LTD		Main	1	Sub		IPC	Assessment
Product Name	ASH DE RUST E	Keyword	De-rusting fluid-industrial water treatment additive			Hazards	
Ashford Environmental Services Ltd The Power House 21 Woodthorpe Road Ashford Middlesex TW15 2RP Tel 01784 465838 Fax 01784 465848		Date	05 08 2011: Revised August 2015				
		Contents					
		Trisodium Nitrilo-Triacetate 10-30% Hydroxyethylidine-1, 1-Diphosphonic Acid solution 1-30%					
Hazard Rating	High	Physical State	Liquid	Exposure Limits	No limits quoted: normal levels of working place hygiene to be maintained		

Main Hazards

Harmful if swallowed. Irritating to eyes and skin. Causes severe skin burns and eye damage. Limited evidence of a carcinogenic effect.

People likely to be affected

Employees and Subcontractors

Health Considerations

May cause sensation by skin contact. **Skin Contact**- There may be irritation and redness at the site of contact. **Eye Contact** - There may be irritation and redness. **Inhalation**- Nausea and stomach pain may occur. There may be vomiting. Drowsiness or mental confusion may occur. There may be loss of consciousness. **Ingestion:** Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Exposure Control Measures

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. **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.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.

		
Good ventilation required	Boots to EN345	PVC EN 374-3 (Chem. Resist)
		
Goggles (EN166)	Coveralls	RPE only required in exceptional circumstances

Spillage Considerations			
Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak side up to prevent further escape of liquid. Do not discharge into drains or rivers. Contain the spillage with bunding. Absorb onto dry earth or sand or spill kit pads. Transfer to a closable, labeled salvage container for disposal by an approved waste disposal contractor. Wash the spillage site with plenty of water.			
First Aid Measures			
Skin Contact – Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning. **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 1 pint 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. 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	
		Carbon Dioxide	SCBA
This assessment was prepared by ASHFORD Environmental Services Ltd		Printed	
		Ref	

This COSHH assessment is concerned with the introduction of a Chealant cleaner into a water system to chemically clean and scour the internal walls of the pipework 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