



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC: Energy Services

The Use of the CoGeneration Facility Maintenance Shop's new Parts Washer (Walter Surface Technology with L-78E Bioremediant cleaner/degreaser).



Title	Work Task	Hazards	Controls
	1. Adding bioremediant cleaner/degreaser from original containers to the parts washer unit prior to operation.	1a. Spilling or splashing liquid product 1b. Skin contact with product.	1. Use of safety glasses or goggles. 2. Use of disposable gloves (e.g. nitrile). 3. If skin contact occurs, rinse affected area with water. 4. If eye contact occurs, rinse with water.
	Work Task	Hazards	Controls
	2. Employee places components (such as bearings and couplings) in tank and uses the spray nozzle to add cleaner/degreaser liquid to the tank.	1. Splashing or Spraying cleaner/degreaser liquid in eyes or on skin.	1. Use of safety glasses or goggles. 2. Use of disposable gloves (e.g. nitrile). 3. If skin contact occurs, rinse affected area with water. 4. If eye contact occurs, rinse with water.

Work Task		Hazards	Controls
	3. Employee lets components soak in the tank for – time.	None	N/A
Work Task		Hazards	Controls
	4. Employee hand scrubs components with a brush and then rinses components.	1. Splashing or Spraying cleaner/degreaser liquid in eyes or on skin.	<ol style="list-style-type: none"> 1. Use of safety glasses or goggles. 2. Use of disposable gloves (e.g. nitrile). 3. If skin contact occurs, rinse affected area with water. 4. If eye contact occurs, rinse with water.
Training	Employees must have hands on training in the proper use of this piece of equipment.	Supervisor must review operating procedures with employee.	
Created	12 September 2008 Daniel Gilleski		
Referenced Material	Material Safety Data Sheet for Walter Surface Technologies (1-78E) Bioremediant cleaner/degreaser		
Contact Info	<p>For more information about this JSA and other JSAs, contact:</p> <p><i>Department of Environment, Health and Safety</i> UNC-CH, 1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650</p> <p>(919) 962-5507 ● http://ehs.unc.edu</p>		 