

**EMPLOYEE TRAINING RECORD**

**TRAINING TITLE**    Polymer Spill Emergency Action Plan

**KEY TEACHING POINTS**

**GENERAL**

Polymer is used as a coagulant in the treatment process at the plant.

**HAZARD RECOGNITION**

It can be identified by its grayish, milky, opaque color. It is a liquid with an amine odor. It is extremely slippery, especially when wet.

**PROCEDURE FOR ALERTING ALL WORKERS IN THE EVENT OF AN EMERGENCY**

The discovering employee shall use the radio to announce the event and summon additional assistance.

**EVACUATION ROUTES AND PROCEDURES**

Except for areas that are covered with polymer, evacuation is not needed.

**SAFE DISTANCES AND PLACES OF REFUGE**

Immediately outside the spilled area is safe for employee occupancy.

**METHODS FOR PROVIDING EMERGENCY MEDICAL TREATMENT AND FIRST AID**

- In case of skin contact, remove contaminated clothing without delay. Flush skin thoroughly with water. Do not reuse clothing without laundering.
- In case of eye contact, immediately irrigate with plenty of water for 15 minutes. Obtain medical attention if irritation persists.
- Material is not expected to be harmful if inhaled. If inhaled, removed to fresh air.

**DECONTAMINATION PROCEDURES**

Personnel

See First Aid Above

Area

Flush into plant drain with water.

**SITE SECURITY AND CONTROL**

Contaminated areas are to be barricaded to prevent unauthorized people from entering the area.

**RESPONSE ACTIONS**

- Upon discovery of the spill, take actions necessary to stop the leak.
- Notify supervision of the leak.
- Barricade the area to prevent unintentional entry.
- Supervision will coordinate obtaining pallets, empty barrels, shovels, personal protective equipment and staff to clean up the spill.
- Recover as much of the material as possible for reuse. Minimize the amount of grit recovered with the material.
- Transport the recovered material to a staging area, determined by the supervisor, and/or the "B" Plant Secondary Enhancement Dosing Station.
- Washdown the unrecovered material into the plant drain system.

**EVALUATION AND FOLLOW-UP FOR RESPONSE ACTIONS**

The supervisor shall prepare an incident report outlining the causal factors and actions taken to preclude further incidents from occurring.

**TEST**

QUESTION	ANSWERS	
	TRUE	FALSE
1 Transport the recovered material to a staging area, determined by the supervisor, and/or the "B" Plant Secondary Enhancement Dosing Station.		
2 Washdown the unrecovered material into the plant drain system.		
3 Immediately outside the spilled area is safe for employee occupancy.		
4 Contaminated areas are to be barricaded to prevent unauthorized people from entering the area.		
5 Recover as much of the material as possible for reuse. Minimize the amount of grit recovered with the material.		
EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE

1. True 2. True 3. True 4. True 5. True