



Procedures and Response

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This training guide will discuss the following items and will become our procedure for responding to a chemical spill or release. We would like to suggest that customers who store and use hazardous materials have a training program that will cover

Hazardous Material Training where employees may use or become in contact with a Hazardous Material spill or release.

OSHA or CA-OSHA regulates employers who have employees that are involved in Hazardous Materials, Hazardous Material Waste and provides an Emergency Response Standard. OSHA HAZWOPER is the standard by which employers must offer training to employees. The United States Department of Labor website is www.osha.gov.

California Code of Regulations, Title 8, Section 5192, Hazardous Waste Operations and Emergency Response. Employers shall develop and implement a written safety and health program for their employees involved in hazardous waste operations. Your HAZMAT response team.

California Code of Regulations, Title 8, Section 5194 – Hazard Communication. This section requires employers to assess the hazard substances which they deal with, to provide employees about the hazardous substances to which they may be exposed, by means of a hazardous communication program, labels and other forms of warning, material safety data sheets, and information and training.

Waterline Technologies is your current supplier of hazardous materials to your facility. We are responsible for chemicals we deliver or leave on your property. We would like to work with you

and your staff to develop a “Responsible Care” attitude towards our mutual training of our employees. Together we can develop a Hazardous Release Plan that will protect all of us.

- Proper Storage & Handling
- Training for Employees / Drivers / Staff
- Spill Response – Emergency Procedures
 - Personal Protective Equipment
 - In-Compatible Chemicals
 - Illegal Disposal
 - Transportation
 - Accidents
 - SDS



Proper Storage and Handling

If we are making your deliveries now we have already done an inspection to make sure your delivery location is safe and that your basic safety items have been met.

- Chemical Tanks are properly labeled and separated
- Bulk Tanks have cam lock connections, level indicators and seismic restraints
- Emergency Eyewash is clean and functional
- Chemical storage room is clean and orderly – no other hazardous items in the room
- Spill Kit on Site

- Location is Secure

Training for Staff and WTI Drivers / Employees

DOT, OSHA, CAL-OSHA regulations require that ANY employee who handles HAZ MAT Chemicals in any way must be trained. This training includes storage, uses, reactions, spills and ability to read MSDS sheets.



Spill Response – Emergency Procedures

Some of our customers have their own emergency response procedures written. WTI shall comply as requested. Most customers are going to rely upon WTI for guidance and a written plan. Our plan and procedures are as follows:

- Only allow those who have been trained in safe chemical storage and handling to enter any room, building or areas close to a Hazardous Release.
- Set a maximum limit as to how big of a spill your team is capable of handling. Most Spill Kits stop at a 50-gallon spill. We recommend calling 911 for spills larger than 50 gallons or at any time you feel that you are in danger.
- Your facility should have posted an emergency escape plan.
- You must have on hand and have trained your employees to wear appropriate PPE when handling hazardous materials.
- During our delivery operation, our drivers will react to any spill or hazardous release. They have an on-board spill kit capable of a 50-gallon spill. They are trained and will respond professionally.
- Our driver is directed to contact WTI dispatcher or another manager immediately. They will be directed a course of action, typically to stop or control the leak and begin to clean up and dispose of the spilled materials. An incident report shall be completed once the event has been concluded.



Personal Protective Equipment

California Code of Regulations, Title 8, Section 5144

Respiratory Protection

When an employer is required to offer PPE equipment, the code listed above gives training requirements when it is necessary to protect the health of an employee through respiratory care.

We suggest that you have on site PPE equipment for your employees who have been trained to wear items to protect them during a chemical spill or release. At minimum, you should have the following:

- Gloves
- Respirator
- Eye goggles
- Boots
- Face shield
- Dry Chemical Absorbent – at least 50 pounds.
- Spill Kit for up to 50 Gallons
- Clean Dust pan
- Clean Plastic Snow Shovel
- Yellow Hazmat Disposable 30 Gallon bags



In the event that spill takes place please follow below:

1. Make sure all customers, employees, anyone in the area are safe and beyond a safe distance away.
2. Quickly and safely stop, plug, dam up any spilled products.
3. Approach any spill upwind.
4. Make sure you have proper PPE on at all times.
5. Never try to add other chemicals – water ??
6. Prevent any liquid from draining into any public drains.
7. Contact YOUR supervisor ASAP.
8. Use clean spill materials and disposal bags for each chemical spilled
9. Please show confidence that you have the event under control.
10. What can be done to prevent the accident from occurring again?

Incompatible Chemicals

Pool chemicals are inherently incompatible with each other. Never allow any chemicals to drip on, leak into, and spill into each other.

- Some pool chemicals will produce or sustain fires
- Toxic gas and clouds can be emitted
- Chlorine gas can be created mixing sodium hypochlorite and hydrochloric acid.

Cross Contamination can be eliminated by using clean tools for each chemical. Make sure all other tools and chemicals are never stored in rooms with pool chemicals.



Illegal Disposal

YOU CAN NEVER, EVER dispose of hazardous materials in the garbage, sewer or other containers not properly labeled.

There are many rules and regulations for the proper disposal of each chemical.

Transportation

We are regulated in so many ways delivering your chemicals to your facility. The full containers coming in and the empty containers leaving are just as important.

Never contaminate a clean drum with a chemical spilled product.

You can never ship a container that does not have a lid, is not labeled or has any residue sloshing around inside. **IT IS ILLEGAL !!**



Accidents

Accidents are going to happen. It's your training and safety procedures that will prevent them all together and provide a response plan to resolve the situation as safely as possible.

- Please make sure you have identified who your Haz Mat Team will be.

- Make sure they have trained with your procedures
- Make sure they are knowledgeable of the chemicals stored.

SDS Sheets

We are required by law to have available to all our employee's hazardous material safety data sheets. These will inform everyone what these chemicals are, how they are stored, how they are transported and how they will react to our bodies if we come in contact.

All employees who are responsible for hazardous materials must become familiar with SDS Safety Data Sheets.

Using a Spill Kit



Spill Kits are going to come with a variety of items and will be designed to cover a certain amount of spilled material. Our kits are designed for liquids up to 50 gallons. The main purpose of a spill kit is to clean up a spilled liquid and safely and properly dispose of the material.

Your reaction to a spill is very important. You should be trained, your employer should have already designated a response team. After a spill is contained and ready for clean-up a Spill Kit is used to help with this process.

You have various types of absorbant items: square pads, socks or tubes and pillows. These are simply designed to absorb the spilled liquid.

You have one or two bags or a dry absorbant material that will quickly absorb so many gallons of a spilled material. This is usually a white fluffy material designed to soak up a spilled liquid.

You have large plastic garbage bags, gloves to dispose of all used absorbent items used during your spill clean-up.