

EPCRA OFF-SITE PLAN FOR

Sears Auto Center
 Valley View Mall
 4200 State Road 16
 La Crosse WI 54601

I. FACILITY NAME:

Sears Auto Center
 4200 State Road 16
 La Crosse WI 54601
 608-779-1028
 Facility ID # Assigned by WEM: **006391-1**

II. FACILITY COORDINATOR:

Cory Ramsett
 Auto Center Manager
 Telephone Number:
 608-779-1028 (w)
 608-385-6942 (c)
 E-Mail: Cory.Ramsett@searshc.com

ALTERNATE COORDINATOR:

Joseph Boyer
 Loss Prevention Manager
 Telephone Number:
 608-781-7050 (w)
 715-773-0596 (c)
 E-Mail: Joseph.Boyer@searshc.com

III. CHEMICALS ON SITE: EXTREMELY HAZARDOUS SUBSTANCES

<u>CAS #</u>	<u>Chemical Name/ Trade Name</u>	<u>Max. Amt.</u>	<u>Vul. Zone</u>	<u>Rural/ Urban</u>
7664-93-9	Sulfuric Acid	1750-lb.	<0.1 mi.	Urban

OTHER HAZARDOUS CHEMICALS:

None

IV. PRIMARY EMERGENCY RESPONDERS:

West Central Regional Type I Hazardous Materials Response Team
 La Crosse County Type II Hazardous Materials Response Team
 La Crosse Fire Department
 La Crosse Police Department
 La Crosse County Sheriff's Department
 La Crosse County Emergency Management
 Wisconsin State Patrol
 Wisconsin Department of Natural Resources
 Tri-State Ambulance

V. SUPPORT AVAILABLE FROM FACILITY:

The Sears Auto Repair Shop has a washing station on site in the event an employee or another person comes in contact with the sulfuric acid. The facility also keeps in stock rubber gloves and face shields. The main storage room of the batteries has a positive ventilation system. The facility has equipment to pick up a spill. The facility can also neutralize a spill of battery acid. The facility has flushing capabilities.

OUTSIDE RESOURCES AVAILABLE:

The La Crosse Fire Department serves as the County's Type II Hazardous Materials Response Team. For Type I incidents, contact the West Central Regional Hazardous Materials Response Team through the Wisconsin Emergency Management Duty Officer (800-943-0003).

CHEMTREC	1-800-424-9300
Scholle Corporation	1-708-582-7290

VI. GENERAL INFORMATION AND ASSUMPTIONS: (Disclaimer)

The vulnerability zones set forth in this Plan are based on the EPA Technical Guidance for Hazards Analysis. The zones are based on a credible worst case scenario and identify the potential area for impact should an air-borne release of a single EHS chemical occur.

The vulnerability zones are NOT intended to be used as a guide for population protection in fire-related incidents. Fire incidents were considered in the development of this plan and the plan provides basic information about the facility for first responders to employ. However, in an actual fire situation at this facility, the Incident Commander is strongly recommended to reference the fire department's own individual agency pre-emergency plans and standard operating procedures as well as the County's Emergency Operations Plan - Annex K: Fire and Rescue, as they may relate to this facility when making decisions at an incident involving fire.

Further, fire departments that would respond to an incident at this facility are strongly encouraged to meet with facility representatives to determine ways to minimize an event at the facility and to determine what additional information and factors should be taken into consideration in the event of a fire, should one occur.

The field incident commander shall determine the actual response to an incident and the affected area may vary from the planning vulnerability zone identified in this Plan. Depending on wind speed and direction, the amount of material released and other pertinent factors, the ACTUAL vulnerability zone may be smaller, and in some instances larger, than the credible worst case vulnerability zone identified herein.

The vulnerability zones determined in this Plan are for general PLANNING PURPOSES.

STATE REPORTING REQUIREMENTS:Wisconsin Statute §292.11 WISCONSIN SPILL LAW

The spill law, Chapter 292.11, Wis. Stats., requires that a person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance shall notify the department *immediately* of any discharge not exempted by the statute. The Department has a

24-hour toll free number for reporting spills: **1-800-943-0003**.

Chapter NR 706 Wisconsin Administrative Code

Ch. NR 706, Wis. Adm. Code establishes exemptions for small quantity spills of agricultural and petroleum related compounds, as well as substances that have a federal reportable quantity established. These quantities are termed "de minimis" in that below these levels, under the following conditions, state notification of a discharge is not required. While reporting requirements may be exempted, **cleanup requirements remain**. If a discharge meets one of the following de-minimis exemptions **it must be reported to the Wisconsin DNR**:

1. Has not evaporated or been cleaned up in accordance with NR 700 – 726,
2. Adversely impacts or THREATENS to adversely impact the environment,
3. Causes or THREATENS to cause chronic and/or acute human health impacts, or
4. Presents or THREATENS to present a fire or explosion hazard or other safety hazard (including all evacuations)

VII. HAZARD ANALYSIS SUMMARY:

The 113,252 square foot facility is a retailer of car, boat, light truck, and tractor wet cell storage batteries. The largest number of batteries (approximately 300) would be stored at the auto repair center during October or November. The MSDS report indicates that electrolyte solution makes up approximately 18% of the weight of a 50-lb. battery, or 9-lb. Sulfuric acid comprises 35% of the electrolyte solution, or approximately 4-lbs. per battery.

The facility could have upwards of six employees at the site during an event. The facility is located in the northeast corner of Valley View Mall, which is east of State Road 16, northeast of the junction with State Road 157. This area is the northern most edge of the city of La Crosse.

Access by a response team would be through the doors at the west entrance of the auto repair facility. The material is through the first door to the right down the hallway. The door is a steel door and marked "**Employees Only**". Batteries are on storage racks. Most of the batteries are being displayed in the automotive retail area of the store. The display area has 6 racks containing an average of 48 batteries (when completely full) for a total of 288 average-sized automotive batteries. Some batteries are kept in the store room (about 30 – 50 batteries).

Although the facility may store approximately 1750-lbs. of sulfuric acid in storage batteries (over 425 batteries) it was determined that the greatest danger of spillage would occur during loading or unloading procedures. Therefore, this plan and the vulnerability assessment are based on the amount expected to be handled during the unloading of a shipment of batteries from a supplier. Depending upon the size of the battery the amounts on each pallet vary. Typically only 1 -3 batteries are moved at one time via a small hand cart.

The vulnerability zone for this facility was based on a worst case scenario for a release of sulfuric acid from one battery. The vulnerability zone is less than 0.1 mile. Parameters for the hazard analysis are as follows:

EHS Chemical:	Sulfuric Acid
Form:	Liquid
Container Size:	9-lbs.
Concentration:	35%
Parameters used in the hazard analysis:	

Level of Concern: 1/10 IDLH
 Duration of Release: 1 minute
WORST CASE SCENARIO:
 Rural
 Wind Speed: 3.4 mph
 Atmos. Stability Class: F
 Vulnerability Zone: <0.1 miles
RE-EVALUATION SCENARIO:
 Rural or Urban: Urban
 Wind Speed: 11.9 mph
 Atmos. Stability Class: D
 Vulnerability Zone: <0.1 miles

Only the employees in the immediate vicinity of the spill would be affected.

VIII. SPECIAL FACILITIES AFFECTED:

None

IX. POPULATION PROTECTION:

The on-scene commander will make the determination to shelter in place or to evacuate as appropriate. The lead-time for a hazardous materials incident may be very short. Consequently, there may not be time enough for safe evacuation, especially when extremely toxic chemical fumes are involved. An evacuation under these considerations may expose the population to dangerous toxic chemicals and the decision may be made to shelter in place. Preferred areas for protective sheltering would be interior hallways, rooms without windows or exterior doors, enclosed stairways and rooms on the side of the building away from where the hazard is approaching. Doors, windows, and other potential air leaks should be sealed up to prevent toxic fumes from entering.

Experience indicates that shelter space would need to be provided for only 30% of the population within the initial isolation and evacuation zones and the remaining 70% would seek shelter with family and friends outside of the risk zone.

Roles and responsibilities relative to evacuation and sheltering as well as a list of shelters appear in the La Crosse County Emergency Operations Plan, Annex E.

X. SPECIAL CONSIDERATIONS:

Populations within the Valley View Mall fluctuate daily. There are several retail outlets, one Mall Information Kiosk, and the Mall Food Court within 200' of the Mall entrance to Sears. Following a large chemical spill incident, numerous immediately adjacent commercial properties within the mall may have to be evacuated. No one lives within .1 mile of the Sears Automotive Center, however there are some homes located south of Valley View Mall in the Holiday Heights Addition that are just outside the .1 mile zone.

The facility is surrounded by at least a quarter mile in width parking lot.

The local 24-hour National Weather Service, County Public Safety Communications (9-1-1 Dispatch Center), and local radio and TV stations could issue warnings to the population.

NOTE: There are no local ordinances in La Crosse County which mandate specific routes for vehicles carrying Extremely Hazardous Substances (EHSs). Thus, EHSs may be transported over any local, state, or federal highway for which weight limits are met.

XI. DISTRIBUTION LIST:

La Crosse Fire Department
La Crosse County Local Emergency Planning Committee
Wisconsin Emergency Management