

EPCRA Off-Site Facility Plan

**The Home Depot Store #4905
WEM ID# 197559**

I. FACILITY NAME: The Home Depot Store #4905

Name: The Home Depot Store #4905
Location Address: 2927 Market Place, Onalaska, WI 54650
Phone Number: 608-392-1400
Facility ID # Assigned by WEM: 197559

II. FACILITY EMERGENCY COORDINATOR: ALTERNATE COORDINATOR:

Name: Tracy Sacia
Position: Store Manager
Telephone Number: 608-213-0623
24 hour Number: 608-213-0623

Name: Troy Meduna
Position: District OPS Manager
Telephone Number: 612-859-1456
24 hour Number: 612-859-1456

III. CHEMICALS ON SITE: EXTREMELY HAZARDOUS SUBSTANCES

<u>CAS #</u>	<u>Chemical Name/ Trade Name</u>	<u>Max. Quantity</u>	<u>Vul. Zone</u>	<u>Rural/ Urban</u>
7664939	Sulfuric Acid	1,152 lbs	.1 mile	Rural

(The Tier II reporting quantity is 1,152 lbs. An additional retail tractor battery quantity of 215 brings the on-site total to 1,367 lbs.)

OTHER HAZARDOUS CHEMICALS:

<u>Name</u>	<u>Max. Quantity</u>
NONE	

IV. PRIMARY EMERGENCY RESPONDERS:

Onalaska Fire Department
Onalaska Police Department
La Crosse County Type II Hazardous Materials Response Team
West Central Regional Type I Hazardous Materials Response Team
Tri-State Ambulance Service

V. SUPPORT AVAILABLE FROM FACILITY:

Training - Associates receive training for handling hazardous materials; designated

Associates may receive additional training for responding to and cleaning up spills. The store does not have Associates trained at the Operations level or at the Technician Level (as defined by OSHA 1910.120). If the spill is not incidental or exceeds reportable quantities, the Designated HHM Associate will contact 3E Company for support.

Spill kits/PPE - Spill kits are located in the following, designated areas: Central Storage Area, Garden Dept., Paint Dept., and the Front End. Spill kits include: a spill kit container, single-use Nitrile gloves, safety glasses, absorbent, trash bags, mild cleaner, broom, dust pan, shovel, and a permanent marker.

OUTSIDE RESOURCES AVAILABLE:

La Crosse County does have a Type II Hazardous Materials Response Team. For Type I incidents, contact the West Central Regional Hazardous Response Team through the Wisconsin Emergency Management Duty Officer (800-943-0003).

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:

A. Brief description of facility.

This facility is a retail home improvement facility that uses electric forklifts and other material moving devices with large industrial batteries containing sulfuric acid.

B. Greatest potential for release.

The greatest potential for release of sulfuric acid could occur during the routine maintenance of the forklift batteries.

C. Vulnerability Zone for each EHS chemical, including parameters used to arrive at the Vulnerability Zone (rural or urban, wind speed, atmospheric stability, class, level of concern, duration of release.

The CAMEO-generated vulnerability zone for sulfuric acid will always be .1 mile, regardless of quantity or other environmental factors. This calculation is based on the quantity of sulfuric acid found in the largest industrial battery:

The hazard analysis is as follows:

EHS Chemical: Sulfuric Acid
Form: Liquid
Container Size: 141 lbs.
Concentration: 100%

Parameters used in the hazard analysis:
Level of Concern: 1/10 IDLH
Duration of Release: 10 minutes

WORST CASE SCENARIO:

Rural
Wind Speed: 3.4 mph
Atmospheric Stability Class: F
Vulnerability Zone: .1miles

RE-EVALUATION SCENARIO:

Rural
Wind Speed: 11.9 mph
Atmospheric Stability Class: D
Vulnerability Zone: .1

It is estimated that only those persons in the immediate area of the spill may be affected by an accidental release of sulfuric acid.

D. Possible limitations or problems that could arise.
None noted.

E. Estimate of population affected.
No one lives within the .1 mile radius of this facility.

F. Conclusions.
A release of sulfuric acid from industrial (forklift) batteries at this facility is unlikely and would not affect any nearby residences. Several retail and service businesses are located near the Home Depot Store and some may lie within a portion of the .1 mile vulnerability zone.

VIII. SPECIAL FACILITIES AFFECTED:

NONE

IX. POPULATION PROTECTION:

The determination to shelter in place or to evacuate will be made by the on-scene commander as appropriate. The lead time for a hazardous materials incident may be very short. As a result, 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 appears in the La Crosse County Emergency Operations Plan, Annex E.

X. SPECIAL CONSIDERATIONS:

A. Limited access to facility

The facility can be reached from Market Place or Midwest Drive and is located near the intersection of State Road 16 and I-90.

B. Address environmental concerns at facility and in Vulnerability Zone

None

C. Actual response capabilities at facility

An eyewash station is located near the battery charging station. The facility maintains a supply of acid-neutralization/spill absorption materials.

D. Potential for affecting other jurisdictions

None

XI. REQUIRED ATTACHMENTS:

A. Facility Layout Highlighting EHS Chemical Storage Location

B. Vulnerability Zone map highlighting Special Facilities

C. Chemical Data Sheet on EHS Chemicals (Response Information Data Sheets or MSDS)

D. Hazardous Materials Worksheet/Calculations or Computer-Generated Vulnerability Zone Calculations

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.

XII. DISTRIBUTION LIST:

Wisconsin Emergency Management – West Central Regional Office
La Crosse Regional Type II Hazardous Materials Response Team
Onalaska Fire Department
Onalaska Water Utility