

## THE OREGON HAZARDOUS SUBSTANCE INFORMATION SYSTEM (HSIS) SURVEY

The following section provides an overview of Oregon's HSIS Survey system.

The Oregon Community Right to Know and Protection Act of 1985 (ORS 453.307 through 453.414) requires the Office of State Fire Marshal (OSFM) to conduct an annual Hazardous Substance Information Survey (HSIS) of Oregon facilities. This survey is conducted through the Emergency Planning and Response Section.

### WHAT A HAZARDOUS SUBSTANCE IS UNDER OREGON LAW

Any substance for which OR-OSHA requires the manufacturer to produce a Material Safety Data Sheet (MSDS) must be considered for reporting. If the maximum amount on site at any time during the survey period meets or exceeds the listed quantities below, the substance must be reported. This includes substances produced at the site, waste substances, solutions and refrigeration system gases.

- ✓ LIQUIDS: 50 gallons or more (E.g. gasoline, diesel, oils, acetone, paint, cleaners, solutions, etc.)
- ✓ SOLIDS: 500 pounds or more (E.g. lime, metal ingots, fertilizer, caustic soda, concrete mix, wastes, etc.)
- ✓ GASES: 200 cubic feet or more at atmospheric pressure and temperature (E.g. acetylene, oxygen, propane, liquid oxygen, sulfur dioxide, Freon, etc.)

**Reporting exception for gases** Gases intended for human/animal ingestion and/or inhalation directly, or added to a product, are exempt from reporting, if **ALL** of the following apply:

1. The gas is present at the site where human/animal ingestion and/or inhalation occur.
2. The gas is not being used in a manufacturing process.
3. The gas is not a cryogenic.
4. The gas is not being stored at the site in excess of 1,000 cubic feet.

### POISONS & EXPLOSIVES

- ✓ LIQUIDS: 5 gallons or more
- ✓ SOLIDS: 10 pounds or more
- ✓ GASES: 20 cubic feet or more

### RADIOACTIVE SUBSTANCES

Any quantity of radioactive substance including radioactive wastes. **EXCEPTION:** Sealed source radioactive materials, as defined by OAR 333-100-0005(118).

## **EXTREMELY HAZARDOUS SUBSTANCES (EHS)**

Extremely Hazardous Substances (EHS) that meet or exceed their Threshold Planning Quantity (TPQ) are required to be reported at the TPQ or the amounts required through Oregon reporting requirements, whichever is lower.

### **HOW LEPCs CAN OBTAIN THIS INFORMATION**

The OSFM has created a database containing information received from the HSIS. Once the information is data entered and validated, groups and individuals are able to access the information to help target their hazardous substance activities. Data collected from the HSIS is provided annually to each local fire department, county emergency manager and county health administrator. This information enables them to effectively plan for and respond to incidents involving hazardous materials and other emergencies. The HSIS non-confidential information can be accessed via the web at <http://egov.oregon.gov/OSP/SFM/CR2K.shtml>.

This database has many preset queries allowing the user to interact with the data in a variety of ways. The database is also available on CD and can be obtained by calling the Hazardous Substance Information Hotline at (503) 378-6835. In addition, the Emergency Planning & Response Section has staff available to help individuals with requests that are more detailed. This information is available in a variety of formats, from electronic transfers to hard copy.