

HSIS listings for Linnton

By Portland Clean Air

How Complete is HSIS Data?

The Oregon Office of State Fire Marshall's Hazardous Substance Information System (HSIS) tracks all onsite industrial chemical storage. Fire Marshalls have an interest to know what chemicals are onsite for the safety of fire fighters. HSIS has three auditors making random inspections of facilities. They have a hotline for industry to help them report correctly. HSIS has a chemical specialist available for industry. There are penalties for noncompliance. Fire Marshalls are aware of compliance and report new businesses to HSIS.

New businesses must obtain businesses licenses at Oregon License Directory operated by the Secretary of State at:

<http://sos.oregon.gov/business/Pages/check-state-license-requirements.aspx>

This system reports back to HSIS, so the Fire Marshall can send industries inventory forms to report their onsite chemical storage.

In many ways, HSIS data appears to be far more complete than Department of Environmental Quality (DEQ) Air Contaminant Discharge Permit (ACDP) data. In Multnomah and Washington County there are 2,793 facilities with HSIS listings.

For this study we removed the following chemicals from the dataset: gas, diesel, batteries, battery, or propane, hydrogen - helium mix, oxygen, nitrogen, nitrous oxide, argon, methane, helium, carbon dioxide, acetylene, hydrous sand and kaolin clay, starch, sucrose, vinegar, petroleum, silica sand, inorganic salt, ethylene glycol, titanium dioxide, DEET, oil based paint, paint, ferrous sulfate, calcium sulfate, salt, sand, concrete, lead acid batteries, nitrogen, oxygen, helium, perlite, sodium chloride, talc, used oil, various inert gasses, sodium carbonate, silica sand, automatic transmission fluid, antifreeze, cat litter

If these were the only substances on site we removed the industry entirely. This left 902 facilities in Washington and Multnomah Counties, which we reported on.

Excluding gas stations, Multnomah County has 285 facilities with ACDPs and Washington County has 158. So total ACDPs in Washington and Multnomah Counties is 443 excluding gas stations. These two counties have 309 Permitted gas stations. There are 2,041 facilities in Multnomah and Washington Counties with HSIS listings but without a DEQ Permit. Most of these seem not to be significant air polluters, but some of these un-Permitted industries are major air polluters. For example, Uroboros Glass in NE Portland, in the news for significant emissions of cadmium, has never been required to obtain a DEQ ACDP. Uroboros does have a HSIS listing including more than 5,000 pounds of cadmium stored on site.

Chemical storage not included in this HSIS data

Some HSIS data is removed as confidential. We did not include any confidential data. There are two reasons a chemical is listed as confidential:

Trade secrets:

If an industry is allowed to protect chemical storage from being public information because this would jeopardize an industrial trade secret, then the chemical is listed instead as:

tradesecret haz class and a number such as 6.3

For example, if an industry does not list hexane because doing so would reveal a trade secret, then the Fire Marshall would see it listed as hexane because the Fire Marshall has a copy of the confidential HSIS. The public would see the chemical listed as tradesecret haz class and a number

National Security:

After the September 11th attacks, the law changed. Now HSIS chemicals are kept confidential, and are not public information, if the chemicals are explosives, poison gasses (weapons of war like chlorine gas), etiologies (infectious agents), or radioactive materials.

The following pages are HSIS data listing all chemicals stored on site, except for those removed for the reasons stated above, for every industry depicted on the maps in this report.