

SOLVENT EXTRACTION FOR VEGETABLE OIL

Affected Sources

- Major sources of HAP (emit >10 tons per year of HAP or >25 tons per year of combined HAPs) that own or operate a vegetable oil production process
 - Vegetable oil production process
 - “Collection of continuous process equipment and activities that produce crude vegetable oil and meal products by removing oil from the listed oilseeds”
 - Remove the oil through direct contact with an organic solvent – n-hexane
 - Listed Oilseeds
 - Corn germ
 - Cottonseed
 - Flax
 - Peanut
 - Rapeseed (ex. Canola)
 - Safflower
 - Soybean
 - Sunflower

Exempt Sources – sources that meet any of the following criteria

- Use only mechanical extraction techniques that use no organic solvent to remove oil,
- Use only batch solvent extraction and batch desolventizing equipment,
- Processes only agricultural products that are not listed oilseeds, or
- Functions only as a research and development facility and is not a major source.

Compliance Dates

	Existing Sources	New Sources
Initial Notification	8/10/01	120 days after initial startup or as soon as practical
Compliance Deadline	4/12/04	4/12/01 or upon startup, whichever is later
Notification of Compliance Status	6/11/04	60 days after compliance date

- Existing source
 - Constructed or began construction before 5/26/00.
 - Or began reconstruction on or after 5/26/00 and it was part of a scheduled plan to comply with the existing source requirements of this subpart and the reconstruction was completed before 4/12/04.

- New source
 - Began construction on or after 5/26/00.
 - Or began reconstruction on or after 5/26/00 and the reconstruction was completed after 4/12/04.

Sources

- SIC Codes for potential sources
 - 2074 – Cottonseed oil mills
 - 2075 – Soybean oil mills
 - 2076 – Other vegetable oil mills
 - 2079 – Other vegetable oil mills
 - 2048 – Prepared feeds & feed ingredient for animals and fowl, excluding dogs and cats
 - 2041 – Flour and other grain mill product mills
 - 2046 – Wet corn milling

- Known, existing sources as of 10/10/01
 - ADM – Fremont
 - Cargill – Blair
 - AGP – Hastings