

Nebraska Department of Water, Energy, and Environment

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Air Toxics Notebook

Solvent Extraction for Vegetable Oil Production

eCFR 40 CFR Part 63 Subpart GGGG

40 CFR Part 63 Subpart GGGG	Solvent Extraction for Vegetable Oil Production
Amendment Dates	11/19/2020 03/18/2020 04/20/2006 09/01/2004 04/05/2002 04/12/2001
Am I Subject to this subpart?	I. This subpart applies to: (A) Specified vegetable oil production processes at Major Sources* of HAPs. (B) Affected sources: (1) You are an affected source subject to this subpart if you meet both of the following criteria: (i) You own or operate a vegetable oil production process that is a Major Source of HAP emissions or is co-located within a plant site with other sources that are individually or collectively a Major Source of HAP emissions; AND (ii) Your vegetable oil production process processes any of the following oilseeds: A. Corn germ; B. Cottonseed; C. Flax; D. Peanut; E. Rapeseed (e.g., canola); F. Safflower; G. Soybean; or , H. Sunflower.

	(C) Definition of a "vegetable oil production process": (1) The collection of continuous process equipment and activities that produce crude vegetable oil and meal products by removing oil from oilseeds through direct contact with an organic solvent, such as a hexane isomer blend. II. Not subject to this subpart: (A) Vegetable oil production processes that meet any of the following criteria: (1) It uses only mechanical extraction techniques that use no organic solvent to remove oil from a listed oilseed; (2) It uses only batch solvent extraction and batch desolventizing equipment; (3) It processes only agricultural products that are not listed oilseeds; or, (4) It functions only as a research and development facility and is not a Major Source of HAPs. *Major Sources of HAPs emit or have the potential to emit: (1) ≥ 10 tons/year of any single HAP; or (2) ≥ 25 tons/year of total HAPs. Area Sources emit less than Major Sources.
Related Rules	
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