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Ohio Administrative Code

Rule 901:14-2-12 Extraction methods and training.

Effective: November 9, 2026

A processor may only use the methods, solvents, and gases set forth in this rule in the manufacture of hemp-derived cannabinoid products.

(A) A processor may use hydrocarbon solvent-based extraction methods in a spark-free and properly ventilated environment, isolated from any open flame or ignition source, and may use the following solvents, at a minimum of ninety-nine per cent purity, in a professional grade, closed-loop extraction system designed to recover the solvents:

(1) Propane;

(2) N-butane;

(3) Isobutane;

(4) Heptane; or

(5) Other solvents exhibiting minimal potential toxicity to humans with the approval of the department.

(B) A processor may use carbon dioxide-based extraction methods using food grade carbon dioxide at a minimum of ninety-nine per cent purity in a professional grade, closed-loop system in which each vessel is rated to a minimum pressure to accommodate the specific extraction protocol, including supercritical, liquid, and subcritical.

(C) A processor may use ethanol at a minimum of ninety-nine per cent purity to produce extracts for use in the manufacture of hemp-derived cannabinoid products.

(D) A processor may use food grade glycerin and propylene glycol in the manufacture of hemp-derived cannabinoid products.

(E) A processor may use non-solvent extraction methods involving the mechanical separation of cannabinoids from plant material to produce hemp extracts for use in the manufacture of hemp-derived cannabinoid products.

(F) A processor shall comply with all applicable OSHA regulations as well as comply with and pass inspection for any applicable fire, safety, and building codes pertaining to the use and storage of the equipment and solvents used in the manufacture of hemp-derived cannabinoid products.

(G) A processor using hydrocarbon solvent-based or carbon dioxide extraction methods shall designate at least one individual to train and supervise employees in the use of extraction equipment and associated solvents who has earned, at minimum, a bachelor's degree in engineering or physical sciences from an accredited university,

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or who has at least three years of experience in the operation of the equipment being used in the facility or similar equipment.