

APEX FLAVORS, INC.



Specification Sheet

Peppermint Oil, Triple Distilled Idaho - Pure, Undiluted, Therapeutic & Food Grade Product Code# 1404

Physical Characteristics

Ingredient Statement: Peppermint oil (Mentha piperita L.), Triple Distilled - pure and natural

Physical Characteristics: Colorless to pale yellow liquid

Aroma and Flavor: Characteristic of peppermint

Flash Point (Closed Cup): 160 F. / 71 C

Refractive Index @ 20C: 1.4590 to 1.4650

Specific Gravity @ 20C: 0.8990 to 0.9110

Specific Gravity @ 25C: 0.8960 to 9080

Other Information

Salmonella: NA (Not applicable for this product.)

E. Coli O157:H7: NA (Not applicable for this product.)

Storage and Shelf Life: 24 months packed in aluminum or glass.

Kosher Status: With symbol

Notes:

CAS# 800-90-4

FEMA# 2848

Assay: Total menthol: Not less than 50.00% by liquid analysis - FCC method and not less than 5.00% esters calculated as menthyl acetate - FCC method.

Optical rotation: - 32 to -18

Solubility: Insoluble in water. Soluble in most fixed oils and in mineral oil. Slightly soluble in propylene glycol.

Disclaimer: Apex Flavors, Inc.'s products are sold exclusively for use in food and drink for human consumption. These products have not been tested, nor have they been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, and electronic cigarettes or similar devices (collectively "E-Cigarettes"). In supplying this product(s), Apex Flavors, Inc. instructs, and purchasing recipient confirms, that this product(s) will not be used in connection with the manufacture and distribution of E-Cigarettes or any component thereof. Recipients of our products that use them outside of their intended use of food or drink do so at their own risk and without warranty, either expressed or implied, from Apex Flavors, Inc. or its suppliers. The user assumes all liability for loss, injury, damage, or expense

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resulting from such uses.