



Material Safety Data Sheet

Section 1: Chemical Product and Company Information

Product Name:

E-Liquid with Nicotine

Contact Information:

CRFT Labs Tennessee, LLC.
1120 U.S. 70
Kingston Springs, TN 37082
(615)767-9838

EMERGENCY: If swallowed, call your Poison Control Center at 1-800-222-1222

Section 2: Composition and Information on Ingredients

Primary Hazardous Component: Nicotine

Other Ingredients: Propylene Glycol, Glycerin, Natural and Artificial Flavors, Menthol (when noted on bottle)

Mixture: Bottles contain less than or equal to the concentration printed on the label by volume. (Main ingredients are Propylene Glycol, abbreviated PG, and (Vegetable) Glycerin, abbreviated VG. Propylene Glycol and Glycerin are both inert and GRAS by the USFDA.)

Nicotine Content mg/ml:

0mg 0.0% by volume

3mg 0.3% by volume

6mg 0.6% by volume

12mg 1.2% by volume

**Section 3:
Hazards Identification**

Emergency Overview: Harmful in case of ingestion, of skin contact, of eye contact.

Potential Chronic Health Effects:

Carcinogenic Effects: Not available

Mutagenic Effects: Not available

Teratogenic Effects: Not available

**Section 4:
First Aid Measures**

Eyes: Immediately flush the eyes with water or eye wash solution for 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention if needed.

Skin: Remove contaminated clothing and wash the affected area immediately with soap and cold water. Seek medical attention if needed.

Inhalation: If overexposed by inhalation, move the affected persons to fresh air and keep rested. E-Liquid over 30mg/mL is not recommended for inhalation. Seek medical attention if needed.

Ingestion: Rinse mouth thoroughly. Contact Poison Control Center number at the top of this data sheet. Seek medical attention if needed.

Symptoms: The most common symptoms of Nicotine over exposure are nausea, vomiting, rapid heart rate, pale skin, headache, dizziness, and confusion. Skin and eye exposure symptoms also include irritation and redness. Seek medical attention if needed.

**Section 5:
Firefighting Measures**

Fire Fighting Media and Instructions: Wear full protective equipment and self-contained breathing apparatus with independent air circulation if a large amount of material is exposed to fire. Containers exposed to fire or high temperatures may release toxic fumes.

**Section 6:
Accidental Release Measures**

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of according to local, state, and federal regulations.

Large Spill: Stop leak if without risk. Do not touch spilled material. Use a light water spray to reduce vapors. Prevent entry into sewers, basements or confined areas. Eliminate all ignition sources. Mop up while diluting with water, or absorb with an inert dry material such as sand, cat litter, Diatomite, sawdust, etc. Collect and place in bags and dispose of according to local, state, and federal regulations.

**Section 7:
Handling and Storage**

Keep out of reach of children. Keep in manufacturing container. Do not tamper with the manufacturing label. Avoid contact with skin and eyes.

**Section 8:
Exposure Controls / Personal Protection**

If handling in large quantities, handle with appropriate protective equipment.

Eye/Face Protection: Wear protective glasses.

Skin Protection: Wear rubber or protective gloves and liquid resistant clothing.

**Section 9:
Physical and Chemical Properties**

Physical State and Appearance: Oily Liquid.

Odor: Varies by flavor. Generally smells like the flavor on the manufacturing label. Can smell like natural and artificial flavoring.

Taste: Acrid and/or sweet

Color: Varies by flavor. Generally colorless to slightly colored, though can be much darker and non-transparent.

**Section 10:
Stability and Reactivity**

Chemical Stability: This product is stable under normal conditions.

Conditions of Instability: Heat, Fire, or other ignition sources, incompatible materials.

Incompatible Materials: Reacts with oxidizing agents and acids.

**Section 11:
Toxicology Information**

Routes of Entry: Absorbed through skin, inhaled, ingested, eye contact.

Toxicity to Animals:

Nicotine: Acute toxicity (LD50) in rats (50 mg/kg) and mice (3 mg/kg).

Propylene Glycol: Acute oral toxicity (LD50) in rats (8-46 g/kg), mice (25-32 g/kg), and guinea pigs (18-20g/kg).

**Section 12:
Ecological Information**

Environmental exposure controls: Should not be allowed to reach large quantities of ground water, sewage, waste water or soil.

**Section 13:
Disposal Considerations**

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Section 14:
Transportation Information**

Liquids contain Nicotine, handle with care.

**Section 15:
Regulatory Information**

Not currently regulated by the USFDA.
The USFDA intends to regulate E-Liquid in the future.

**Section 16:
Other Information**

Other Information Acrid Taste. Does not taste good. Nicotine gives a burning sensation when ingested. E-Liquid with Nicotine content over 36mg/mL is not recommended for inhalation.