



# Materials Safety Data Sheet

## Section 1: Chemical Product and Company Information

**Product Name:**

**E-Liquid with Nicotine**

**Contact Information:**

Atlas International LLC Juice Head Eliquid  
11266 Monarch st Unit A Garden Grove CA  
92841  
714-343-3409

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

## Section 2: Composition/Ingredients

**Primary Hazardous Component:** Nicotine

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

3mg	0.3% ( $\pm$ .03%) by volume
6mg	0.6% ( $\pm$ .06%) by volume
25mg	2.5% ( $\pm$ .06%) by volume
50mg	5.0% ( $\pm$ .06%) 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 and animals. 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.

**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: Toxicological 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: 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: Transport Information

Liquids contain Nicotine, handle with care.

**E-Liquid is exempt from dangerous goods.** It is considered non-dangerous goods by the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA), or the International Maritime Dangerous Goods regulations (IMDG).

**Transport Fashion:** By air, by sea.

## Section 15: Regulatory Information

Not currently regulated by the USFDA.

The USFDA intends to regulate E-Liquid in the future.

## Section 16: Other Information

Nicotine has an acrid taste. Nicotine gives a burning sensation when ingested.

E-Liquid with Nicotine content over 36mg/mL is not recommended for inhalation.

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