



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03

1 Identification

- **Product Identifier** CRYPTO TOBACCO
- **Trade name: Flavored E Liquid with Nicotine**
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description** Electronic Cigarette Liquid
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Labo LVS inc
2995-D Dagenais Ouest
Laval, QC Canada
514-362-1111
www.labolvs.ca
- **Emergency telephone number:** 514-362-1111

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



GHS07

Acute Tox. 4 H302 Harmful if swallowed.
Eye Irrit. 2B H320 Causes eye irritation.

- **Label elements:**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning

- **Hazard-determining components of labeling:**

nicotine

- **Hazard statements:** Harmful if swallowed. Causes eye irritation.

- **Precautionary statements:**

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

Rinse mouth.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Unknown acute toxicity:**

0 % of the mixture consists of component(s) of unknown toxicity.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 1

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**

Health = 1

Fire = 1

Reactivity = 0

- **Hazard(s) not otherwise classified (HNOC):** None known

HEALTH	■
FIRE	■
REACTIVITY	0

3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture: consisting of the following components.

- **Dangerous Components:**

CAS: 56-81-5	Glycerol	25-50%
RTECS: MA 8050000		
CAS: 57-55-6	Propylene Glycol	25-50%
RTECS: TY 2000000		
CAS: 54-11-5	nicotine	δ 4%
	⚠ Acute Tox. 3, H301; Acute Tox. 1, H310; ⚠ Aquatic Chronic 2, H411	

4 First-Aid Measures

- **Description of first aid measures:**

- **General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Immediately call a doctor.

Do not induce vomiting without medical advice.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media:**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Special hazards arising from the substance or mixture:** No further relevant information available.

- **Advice for firefighters:**

- **Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.

- **Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Dispose of the collected material according to regulations.

- **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

- **Handling**

- **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities:**

- **Storage**

- **Requirements to be met by storerooms and receptacles:** No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** No further relevant information available..

- **Specific end use(s):** No further relevant information available.

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**

7 Handling and Storage

8 Exposure Controls/Personal Protection

- **Components with occupational exposure limits:**

56-81-5 Glycerol

PEL Long-term value: 15* 5** mg/m³ mist; *total dust **respirable fraction
 TLV TLV withdrawn-insufficient data human occup. exp.

57-55-6 Propylene Glycol

WEEL Long-term value: 10 mg/m³

54-11-5 nicotine

PEL Long-term value: 0.5 mg/m³ Skin

REL Long-term value: 0.5 mg/m³
 Skin

TLV Long-term value: 0.5 mg/m³
 Skin

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

- **Exposure controls:**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing and wash before reuse. Wash hands before breaks and at the end of work. Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- **Breathing equipment:** Not required.

- **Protection of hands:**



Protective gloves

- **Material of gloves:** Not required.

- **Penetration time of glove material:** Not applicable.

- **Eye protection:**



Tightly sealed goggles

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid

Color: Amber

- **Odor:** Product specific

- **Odor threshold:** Not determined.

- **Change in condition**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: 185 °C (365 °F)

- **Flash point:** > 93 °C (> 199 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 371 °C (700 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: 2.6 Vol %

Upper: 12.6 Vol %

- **Vapor pressure @ 20 °C (68 °F):** 0.1 hPa

- **Density:**

- Relative density:** Not determined.
- Vapor density:** Not determined.
- Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 80.0 %
 - VOC content:** 30.0 %

300.0 g/l / 2.50 lb/gl
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Heat, flame and ignition sources.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.
- **Information on toxicological effects:**
- **Acute toxicity:**

11 Toxicological Information

- **LD/LC50 values that are relevant for classification:**

56-81-5 Glycerol

Oral	LD50	12600 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/96 hours	>50.000 mg/l (Trout)

57-55-6 Propylene Glycol

Oral	LD50	20000 mg/kg (rat)
Dermal	LD50	20800 mg/kg (rabbit)
Inhalative	LC50/96 hours	52930 mg/l (Pimephales)
	Intravenous	6630 mg/kg (mouse)
		6423 mg/kg (rat)
		6500 mg/kg (rabbit)

54-11-5 nicotine

Oral	LD50	50 mg/kg (rat)
Dermal	LD50	50 mg/kg (rat)

- **Primary irritant effect:**
 - **On the skin:** No irritating effect.
 - **On the eye:** Irritating effect.
 - **Additional toxicological information:**
- The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful Irritant

- **Carcinogenic categories:**
 - **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.
 - **NTP (National Toxicology Program):**
None of the ingredients are listed.
 - **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.

12 Ecological Information

- **Toxicity:**
 - **Aquatic toxicity:**
 - 57-55-6 Propylene Glycol**
 - EC50 >10000 mg/l (daphnia)
 - **Persistence and degradability:** No further relevant information available.

- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 - Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage sys
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.
- **Waste treatment methods:**
- **Recommendation:**
 - Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

13 Disposal Considerations

14 Transport Information

- **UN-Number:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material
- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

15 Regulatory Information

- **Section 355 (extremely hazardous substances):**
 - 54-11-5 nicotine
- **Section 313 (Specific toxic chemical listings):**
 - 54-11-5 nicotine
- **TSCA (Toxic Substances Control Act):**
 - All ingredients are listed.
- **California Proposition 65:**
 - **Chemicals known to cause cancer:**
 - None of the ingredients are listed.
 - **Chemicals known to cause reproductive toxicity for females:**
 - None of the ingredients are listed.
 - **Chemicals known to cause reproductive toxicity for males:**
 - None of the ingredients are listed.
 - **Chemicals known to cause developmental toxicity:**
 - 54-11-5 nicotine
- **Carcinogenic categories:**
 - **EPA (Environmental Protection Agency):**
 - None of the ingredients are listed.
 - **TLV (Threshold Limit Value established by ACGIH):**
 - None of the ingredients are listed.
 - **NIOSH-Ca (National Institute for Occupational Safety and Health):**
 - None of the ingredients are listed.
- **GHS label elements**
 - The product is classified and labeled according to the Globally Harmonized System (GHS).

