


	MATERIAL SAFETY DATA SHEET (MSDS) E-LIQUID WITH NICOTINE	FOA-MSDS-02
		Revision: 00
		Validity: 04/05/2021

1. IDENTIFICATION OF THE PRODUCT AND COMPANY INFORMATION	
PRODUCT NAME:	E-LIQUID WITH NICOTINE
BRAND:	ZOMO – TUTTI FRUTTI 20MG/ML
NCM:	3824.99.89
MANUFACTURER:	FLAVORS OF AMERICAS S.A.
ADDRESS:	Av. Monseñor Rodríguez Esq. Herminio Giménez, Km. 4,5. Ciudad del Este - Paraguay
TELEPHONE:	+595 61 574185
EMERGENCY:	Medical Emergency Center Toxicology Service +595 21 220418

2. HAZARDS IDENTIFICATION
<p>Classification of the substance or mixture:</p> <p>Primary Hazardous Component:</p> <ul style="list-style-type: none"> - Nicotine - Acute toxicity, Category 3, Oral, H301 - Acute toxicity, Category 1, Dermal, H310 <p>Hazard pictograms:</p> <div data-bbox="284 1184 506 1407">  </div> <p>Signal word: DANGER</p> <p>Hazard Statements:</p> <ul style="list-style-type: none"> - Toxic swallowed - Fatal in contact with skin <p>Precautionary statements- General:</p> <ul style="list-style-type: none"> - If medical advice is needed, have product container or label at hand. - Keep out of reach of children. - Read label before use.

	MATERIAL SAFETY DATA SHEET (MSDS) E-LIQUID WITH NICOTINE	FOA-MSDS-02
		Revision: 00
		Validity: 04/05/2021

Precautionary statements- Prevention: Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements- Response:

- IF ON SKIN: Wash with plenty of soap and water.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- Remove/Take off immediately all contaminated clothing.
- Wash contaminated clothing before reuse.

Precautionary statements- Disposal: Dispose of contents and container to an approved waste disposal plant.

3. PRODUCT SPECIFICATIONS

This product contains USP Grade Propylene Glycol, USP Grade Vegetable Glycerol, USP grade Nicotine and natural, nature-identical, or artificial flavoring.

Ingredient	Chemical Name	Formula	CAS Number	Amount
Propylene Glycol, USP	1,2-propanediol	C ₃ H ₈ O ₂	57-55-6	≤ 30%
Vegetable Glycerol, USP	1,2,3-propanetriol	C ₃ H ₈ O	56-81-5	≤70%
L-Nicotine, USP	(-)-1-Methyl-2-(3-pyridyl) pyrrolidine	C ₁₀ H ₁₄ N ₂	54-11-5	20 mg/ml
Natural and Artificial Flavor	N/A	N/A	N/A	N/A

4. FIRST AID MEASURES

- After Skin contact: Immediately flush skin with plenty of soap and water for at least 15 - 20 minutes while removing contaminated clothing and shoes. Get medical attention if any discomfort develops. Wash clothing before reuse. Thoroughly clean shoes before reuse.
- After Eye contact: Immediately flush eyes with plenty of water for at least 15 - 20 minutes, lifting upper and lower eyelids occasionally. Get medical attention if any discomfort develops.
- After Ingestion: Do not induce vomiting. Wash out mouth and throat with plenty of water. Drink plenty of water. Get medical advice and show the label to your doctor.

5. FIRE FIGHTING MEASURE

Suitable Extinguishing Agents: In case of fire, use carbon dioxide (CO₂).

Unsuitable Extinguishing: A solid water stream may be inefficient.

Special Hazards:

- Thermal decomposition can lead to release of irritating gases and vapors.
- Exposure to products decomposition may be a hazard to health.
- Do not breathe smokes.

	MATERIAL SAFETY DATA SHEET (MSDS) E-LIQUID WITH NICOTINE	FOA-MSDS-02
		Revision: 00
		Validity: 04/05/2021

Protect Equipment: Wear protective eye-ware, gloves, and clothing. Use NIOSH-approved respiratory protection / breathing apparatus.

Additional Information: Move exposed containers from fire area if it can be done without risk. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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 get water inside container. Do not touch spilled material. Use a light water spray to reduce vapors. Prevent entry into sewers, basements, or confined areas: dike if needed. 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.

7. HANDLING AND STORAGE

Precautions for safe handling:

- Keep in manufacturing container.
- Do not tamper with the manufacturing label.
- It is advised to take safety to avoid the skin and eye contact with the product.
- Follow good hygiene.
- Do not eat, drink, smoke in a workplace.

Conditions for safe storage, including any incompatibilities:

- Keep out of reach of children.
- Protect from the sunshine.
- Keep in a dry, ventilated, dark place, in a temperature of 5 - 30 ° C, away from heating sources in closed original boxes.
- Keep away from food and beverages.
- Always keep in containers of the same material of the original one.
- Keep container tightly sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection: Under normal conditions protection is not necessary. In case of intense or long exposure, use special mask with filter.
- General protective and hygiene measures: Avoid skin, eye, and clothing contact. Wash hands before and after handling.
- Skin Protection: Wear gloves impermeable to material.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State: Solid
- Odor: Varies from odorless to slight
- Color: Black
- pH: Not available

	MATERIAL SAFETY DATA SHEET (MSDS) E-LIQUID WITH NICOTINE	FOA-MSDS-02
		Revision: 00
		Validity: 04/05/2021

- Density: 0.994 – 1.014 kg / l
- Solubility in water: Not available
- Viscosity: Not available

10. STABILITY AND REACTIVITY

- Chemical Stability: Stable under normal conditions.
- Conditions of Instability: Heat, fire or other ignition sources, incompatible materials.
- Incompatible Materials: Reacts with oxidizing agents and acids.

11. TOXICOLOGICAL INFORMATION

Nicotine, USP:

- Oral, Rat: LD50 = 70 mg/kg
- Dermal, Rat: LD50 = 140 mg/kg
- Dermal, Rabbit: LD50 = 50 mg/kg

Propylene Glycol, USP:

- Oral, Rat: LD50 = 20 000 mg/kg
- Oral, Mouse: LD50 = 22 000 mg/kg
- Dermal, Rabbit: LD50 = 20 800 mg/kg

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

- Method of disposal: Spilled, contaminated, or residual material should be placed in a suitable container.
- Disposal of contaminated packaging:
- Empty container completely. Keep label(s) on container.
 - Containers should be disposed of in accordance with current regulations.

14. TRANSPORT INFORMATION

- UN-Number: UN 1654
- Class: 6.1
- Classification code: T1
- Packing group: II

15. REGULATORY INFORMATION

- Not currently regulated by the law of the Republic of Paraguay.
- Health ministry of the Republic of Paraguay intends to regulate E-liquid in the future.

	MATERIAL SAFETY DATA SHEET (MSDS) E-LIQUID WITH NICOTINE	FOA-MSDS-02
		Revision: 00
		Validity: 04/05/2021

16. OTHER INFORMATION
<p>The data contained in this Material Safety Data Sheet (MSDS) were obtained from reliable sources. However, they are delivered without implied warranty as to their accuracy or correctness. The information given in it is currently known on the subject. Considering that the use of this information and products is beyond the control of the supplier, the company assumes no responsibility for this. Determining the conditions of safe use of the product is the obligation of the user.</p>