



SAFETY DATA SHEET

APPLE MINT 20+40mL

EMISSION	12.2024	N.	1
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Trade name	UFI
APPLE MINT	SF2G-CG3V-41EW-DGCM

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST RELEVANT USE: CHEMICAL. LIQUID FOR ELECTRONIC CIGARETTES / PERSONAL VAPORIZERS. CONCENTRATED PRODUCT FOR DILUTION.

Uses advised against: all other than relevant use. CONTAINS 20ml. *NOT FOR SALE TO PERSONS UNDER 18 YEARS OF AGE.*

1.3 INFORMATION ON THE SUPPLIER OF THE SAFETY DATA SHEET

Company name: FLAVORS4YOU S.r.l.

Registered and operating office: via Don Sturzo 21/23, 20822 SEVESO

(MB) flavors4you@legalmail.it, Tel. 0239465995

P.I.V.A. / C.F. 12044560964

Administration: amministrazione@flavors4you.com

COMPETENT PERSON RESPONSIBLE FOR THE SAFETY DATA SHEET

Ing. Renzo Cattaneo, email: renzo.cattaneo@flavors4you.com.

website: www.blendfeel.com

1.4 EMERGENCY TELEPHONE NUMBER

Emergency telephone number:

- Marco Marano, CAV "Osp. Pediatrico Bambino Gesù" Dept. of Emergency and Acceptance DEA Rome Piazza Sant'Onofrio, 4, CAP 00165 TEL .06 68593726
- Anna Lepore, Az. Osp. Univ. Foggia, FoggiaV.le Luigi Pinto, 1 CAP 71122 TEL. 800183459
- Romolo Villani, Az. Osp. "A. Cardarelli", Napoli, Via A. Cardarelli, 9 CAP 80131, TEL. 081-5453333
- M. Caterina Grassi, CAV Policlinico "Umberto I", Rome V.le del Policlinico, 155, CAP 161 TEL. 06-49978000
- Alessandro Barelli, CAV Policlinico "A. Gemelli", Rome Rome Largo Agostino Gemelli, 8 ZIP code 168 TEL. 06- 3054343



- Francesco Gambassi, Az. Osp. "Careggi" U.O. Tossicologia Medica, Firenze Largo Brambilla, 3 CAP 50134
TEL. 055-7947819
- Carlo Locatelli, CAV National Centre of Toxicological Information Pavia Via Salvatore Maugeri, 10 CAP
27100 TEL. 0382-24444
- Franca Davanzo Osp. Niguarda Ca' Granda Milano Piazza Ospedale Maggiore, 3, CAP 20162
TEL. 02-66101029
- Bosis Giuseppe Azienda Ospedaliera Papa Giovanni XXII Bergamo, Piazza WHO, 1 POSTAL
CODE 24127 TEL. 800883300
- Giorgio Ricci Azienda Ospedaliera Integrata Verona, Verona Piazzale Aristide Stefani, 1 CAP 37126
TEL. 800011858

2. IDENTIFICATION OF HAZARDS

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No 1272/2008

Hazard class and category

SKIN SENSITISATION, HAZARD CATEGORY 1 H317, MAY CAUSE AN ALLERGIC SKIN REACTION. EUH208: CONTAINS D-LIMONENE, TRANS-2-HEXANAL
H412: HARMFUL TO AQUATIC ORGANISMS WITH LONG LASTING EFFECTS.

2.2 LABEL ELEMENTS

Classification according to Regulation (EC) No 1272/2008

Warning:

CAUTION

Hazard statement:

H317, MAY CAUSE ALLERGIC SKIN REACTION.
H412: HARMFUL TO AQUATIC ORGANISMS WITH LONG-LASTING EFFECTS.

Additional information:

EUH208: CONTAINS D-LIMONENE, TRANS-2-HEXANAL

Precautionary Statement

P261: AVOID BREATHING DUST/FUMES/GAS
P272: DO NOT TAKE CONTAMINATED WORK CLOTHING OUT OF THE WORKPLACE
P273: DO NOT RELEASE INTO THE ENVIRONMENT



P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

P302+P352: IN CASE OF CONTACT WITH SKIN: WASH WITH PLENTY OF WATER AND SOAP

P333+P313: IN CASE OF SKIN IRRITATION OR RASH: CONSULT A DOCTOR

P362+P364: REMOVE THE CLOTHES CONTAMINATED WASH THEM BEFORE WEARING THEM AGAIN

P501: DISPOSE OF THE PRODUCT IN ACCORDANCE WITH LOCAL AND/OR NATIONAL REGULATIONS IN FORCE

Pictograms:



2.3 OTHER HAZARDS

NONE

According to available data, the product does not contain any PBT or vPvB substances \geq at 0.1%.

The product does not contain substances with endocrine-disrupting properties in a concentration \geq 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURE

Contains:

SUBSTANCE NAME	CAS / EC	CONCENTRATION %	Classification according to Regulation (EC) No. 1272/2008	Specific conc. limits, M-factors and ATEs
MONOPROPYLENE GLYCOL	57-55-6 / 200-338-0	95%<X<100%	—	DERMAL: ATE = 2000.01 MG/KG BW- ORAL: ATE



PROPANE-1,2-DIOL (E 1520)				=22000 MG/KG BW
L-CARVONE	6485-40-1	1.5%<X<2%	SKIN SENS 1, H317	–
N-BUTYL ACETATE	123-86-4	1.0%<X<1.5%	FLAM. LIQ. 3 H226, STOT SE 3 H336, EUH066	–
HEXYL ALCOHOL	111-27-5	1.0%<X<1.5%	FLAM. LIQ. 3; ACUTE TOX. 4-ACUTE TOX. 4; H226-H302	–
D-LIMONENE	5989-27-5	0.2%<X<0.5%	FLAM LIQ 3 H226; ASP TOX 1, H304; SKIN IRRITATION 2, SKIN SENS 1, H317, H315; ACQ CHR1, H410	M=1
TRANS-2-HEXANAL	6728-26-3	0.5%<X<1%	FLAM. LIQ. 3-ACUTE TOX. 4-ACUTE TOX. 4 H226-H302, SKIN SENS 1, H317, ACQ CHRONIC 2, H411	–

Substances with a Community workplace exposure limit

MONOPROPYLENE GLYCOLE propane-1,2-diol (E 1520), CAS 57-55-6; EC 200-338-0, dermal: ATE= 2000.01 mg/kg bw-oral: ATE =22000 mg/kg bw

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU), 2018/605, above 0.1%

Not applicable

Persistent, bioaccumulative and toxic or very persistent and very bioaccumulative substances, greater than 0.1%:

Not applicable

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

EYES: Wash immediately with water for at least 15 minutes. If symptoms persist, seek medical advice.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, seek medical advice.

INHALATION: Remove to fresh air and keep at rest in a position comfortable for breathing.

INGESTION: Rinse mouth with water and seek medical advice.

4.2 MAIN SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

May cause allergic skin reaction.



4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

None provided.

5. FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA

Carbon dioxide, foam, CO₂ and water.

UNSUITABLE EXTINGUISHING MEDIA

None in particular.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Exposure hazards in case of fire. Avoid breathing the products of combustion.

5.3 RECOMMENDATIONS FOR FIREFIGHTERS

GENERAL INFORMATION.

Cool containers with jets of water to prevent decomposition of the product and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect extinguishing water, which must not be discharged into the sewage system. Dispose of contaminated fire extinguishing water and fire residue in accordance with current regulations.

Equipment. Hard hat with visor, fireproof clothing, intervention gloves, overpressure mask with a full face mask.

6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

6.1 PERSONAL PRECAUTIONS PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Eliminate all sources of ignition or heat from the area where the leak occurred. Wear suitable PPE.

Move people to a safe place.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent product from entering sewers, surface water, groundwater and confined areas.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Absorb spilled product with inert absorbent material (sand, vermiculite, etc.). Provide sufficient ventilation of the site affected by the leak. Disposal of contaminated material must be carried out in accordance with legal requirements.

6.4 REFERENCE TO OTHER SECTIONS

See SECTIONS 8 and 13.

7. HANDLING AND STORAGE



7.1 PRECAUTIONS FOR SAFE HANDLING

- avoid contact of product with eyes and skin
- use suitable gloves (preferably made of elastic butyl rubber), protect eyes and face
- do not smoke
- do not expose the product to flames and sparks or other potential sources of ignition
- do not subject to high temperatures during processing
- do not ingest
- maintain good air circulation.
- do not eat or drink while working

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- store containers upright
- avoid the possibility of knocks and/or falls
- keep in tightly closed original container. do not use unlabelled or open containers
- store in a cool, well-ventilated place, away from heat, open flames, sparks and other sources of ignition
- from direct exposure to sunlight
- do not use empty containers
- store under lock and key
- do not store together with flammable liquids

7.3 SPECIAL END USES

No particular use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

MONOPROPILENIC GLYCOLE propane-1,2-diol (E 1520), CAS 57-55-6, EC 200-338-0, LONG-TERM EXPOSURE LIMIT (AVERAGE REFERENCE PERIOD OVER 8 HOURS), 150ppm, 474 mg/m³, UK REFERENCE EH40 Oct 2007

MONOPROPYLENE GLYCOLS, CAS 57-55-6, EC 200-338-0, SHORT TERM EXPOSURE LIMIT (REFERENCE PERIOD 15 MINUTES), ---ppm, ---mg/m³, REFERENCE UK EH40 Oct 2007

8.2 EXPOSURE CONTROLS

PERSONAL PROTECTIVE MEASURES

SKIN PROTECTION

Wear category II (ref. Directive 89/686/EEC and EN ISO 20344) long sleeved work clothes and safety footwear for professional use. Wash with soap and water after removing protective clothing.

HAND PROTECTION

Protect hands with category III work gloves (ref. standard EN 374).

For the final choice of work glove material, the following must be considered: compatibility, degradation, breakthrough time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it cannot be predicted. Gloves have a wear time that depends on the duration and mode of use.

EYE PROTECTION



It is advisable to wear airtight protective goggles (ref. standard EN 166)

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product is exceeded, it is advisable to wear a mask with a type A filter, the class (1, 2 or 3) of which must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If gases or vapours of a different nature and/or gases or vapours with particles (aerosols, fumes, mists, etc.) are present, combined type filters must be used. The use of respiratory protective equipment is necessary if the technical measures adopted are not sufficient to limit

the worker's exposure to the threshold values taken into account. However, the protection offered by masks is limited. In the event that the substance under consideration is odourless or its odour threshold is higher than the relevant TLV-TWA and in the event of an emergency, wear an open-circuit self-contained breathing apparatus (ref. standard EN 137) or a supplied-air respirator (ref. standard EN 138). For the correct choice of respiratory protective device, refer to EN 529

THERMAL HAZARDS

No information available. ENVIRONMENTAL

EXPOSURE CONTROLS

There is no information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON PROPERTIES PHYSICAL AND CHEMICAL BASIC OF THE SUBSTANCES IN THE MIXTURE TAKEN INDIVIDUALLY

CHARACTERISTICS	PROPYLENE GLYCOL EP	AROMAS
<i>physical state</i>	liquid	liquid
<i>colour</i>	colourless apha colour <10	<i>characteristic</i>
<i>odour</i>	odourless	<i>characteristic</i>
<i>melting/freezing point</i>	-59° C	<i>No data available</i>
<i>boiling point or initial point boiling point or boiling range</i>	184° C	>250°C
<i>flammability</i>	<i>No data available</i>	<i>No data available</i>
<i>lower and upper limit of explosiveness</i>	<i>No data available</i>	<i>No data available</i>
<i>Flash point</i>	103° C	<i>No data available</i>
<i>Auto-ignition temperature</i>	<i>No data available</i>	<i>No data available</i>
<i>decomposition temperature</i>	<i>No data available</i>	<i>No data available</i>
<i>ph</i>	6.4 (500gr/Kg, 20°C)	<i>No data available</i>
<i>Kinematic viscosity</i>	43.43 mPas (25°C)	<i>No data available</i>
<i>solubility</i>	completely soluble	Yes, in organic solvents and ethanol



octanol/water partition coeff. (logarithmic value)	No data available	No data available
vapour pressure	0.2 hPa	No data available
density and/or relative density	1.04g/cm ³ (at 20°)	> 0.90g/cm ³ (at 20°)
relative vapour density	No data available	No data available
particle characteristics	No data available	No data available

9.2 OTHER INFORMATION

None available.

10. STABILITY AND REACTIVITY

10.1 REACTIVITY

There are no particular hazards with other substances and/or mixtures under normal conditions of use.

10.2 CHEMICAL STABILITY

Stable under normal conditions of use and storage.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reactions are to be expected under normal conditions of use and storage.

10.4 CONDITIONS TO AVOID

Avoid high temperatures.

Avoid high humidity and direct exposure to sunlight.

may ignite on contact with oxidising mineral acids, elemental metals, nitrides, organic peroxides and hydroperoxides, oxidising and reducing agents.

10.5 INCOMPATIBLE MATERIALS

avoid contact with oxidising agents, concentrated acids and alkalis.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

none.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

This mixture has not been fully tested for health effects. These were calculated using the methods described in Regulation (EC)

No 1272/2008 (CLP).

H317: MAY CAUSE ALLERGIC SKIN REACTION.

H412: HARMFUL TO AQUATIC ORGANISMS WITH LONG LASTING EFFECTS. EUH208: CONTAINS D-LIMONENE, TRANS-2-HEXANAL

ACUTE TOXICITY.

LC50 (Inhalation - vapours) of the mixture: Not classified (no relevant components).



LC50 (Inhalation - mists/dusts) of the mixture: Not classified (no relevant components).

LD50 (oral) of the mixture: >2000 mg/kg

LD50 (Dermal) of the mixture: Not classified (no relevant components).

skin corrosion/irritation: Based on available data, the classification criteria are not met.

serious eye damage/serious eye irritation: Based on available data, the classification criteria are not met.

respiratory or skin sensitisation:

Skin sensitisation, hazard category 1

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

carcinogenicity: Based on available data the classification criteria are not met.

reproductive toxicity: Based on available data, the classification criteria are not met.

specific target organ toxicity (STOT) - single exposure: Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure: Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

11.2 INFORMATION ABOUT OTHER HAZARDS

No information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

NOT AVAILABLE

12.2 Persistence and degradability

NOT AVAILABLE

12.3 Bioaccumulative potential

NOT AVAILABLE

12.4 Mobility in soil

NOT AVAILABLE

12.5 Results of PBT and vPvB assessment



This substance does not meet the PBT/vPvB criteria of the REACH regulation, Annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

NOT AVAILABLE

13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Do not use empty containers, which must be sent for disposal according to current regulations.

Packaging: do not dispose of in the environment, recover if possible, send for disposal according to regulations.

Product residues containing nicotine are to be regarded as hazardous waste. The container must therefore be disposed of in accordance with the law, as must the packaging if contaminated.

Send to authorised disposal plants or incineration under controlled conditions. Operate according to local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN NUMBER OR ID NUMBER

UNCLASSIFIED

14.2 ONU PROPER SHIPPING NAME

NOT CLASSIFIED

14.3 TRANSPORT HAZARD CLASS(ES)

NOT CLASSIFIED

14.4 PACKING GROUP

NOT CLASSIFIED

14.5 ENVIRONMENTAL HAZARDS

NOT CLASSIFIED AS ENVIRONMENTALLY HAZARDOUS TRANSPORT

14.6 SPECIAL PRECAUTIONS FOR USERS

NONE IN ADDITION

14.7 SEA TRANSPORT IN BULK I N ACCORDANCE WITH IMO ACTS

NOT CLASSIFIED

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE

- REGULATION (EC) NO 1907/2006 REACH
- EC REGULATION NO. 1272/2008 CLP
- LEGISLATIVE DECREE 12/01/2016, NO. 6 TRANSPOSITION OF DIRECTIVE 2014/40/EU ON APPROXIMATION OF PROVISIONS OF PROVISIONS LEGISLATIVE, REGULATORY PROVISIONS



ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES CONCERNING THE MANUFACTURE, PRESENTATION AND SALE OF TOBACCO AND RELATED PRODUCTS AND REPEALING DIRECTIVE 2001/37/EC (16G00009)

- REGULATION (EC) NO 878/2020

Workers exposed to this hazardous chemical agent must undergo health surveillance carried out in accordance with the provisions of Article 41 of Legislative Decree No. 81/2008 unless the risk to the safety and health of the worker has been assessed as insignificant in accordance with Article 224(2).

15.2 CHEMICAL SAFETY ASSESSMENT

A chemical safety assessment was not carried out for this product.

16. OTHER INFORMATION

DESCRIPTION OF HAZARD STATEMENTS H

H317: MAY CAUSE ALLERGIC SKIN REACTION

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H412: HARMFUL TO AQUATIC ORGANISMS WITH LONG LASTING EFFECTS

DESCRIPTION OF PRECAUTIONARY STATEMENTS P

P261: AVOID BREATHING DUST/FUMES/GAS

P272: CONTAMINATED WORK CLOTHES MUST NOT BE TAKEN OUT OF THE WORKPLACE

P273: DO NOT RELEASE INTO THE ENVIRONMENT

P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

P302+P352: IN CASE OF CONTACT WITH SKIN: WASH THOROUGHLY WITH SOAP AND WATER

P333+P313: IN CASE OF SKIN IRRITATION OR RASH: CONSULT A DOCTOR

P362+P364: REMOVE THE APPARATUS CONTAMINATED CLOTHING
WASH THEM BEFORE WEARING THEM AGAIN

P501: DISPOSE OF THE PRODUCT ACCORDING TO LOCAL AND/OR NATIONAL REGULATIONS IN FORCE

DN - European Agreement Concerning the International Carriage of Dangerous Goods by Water; ADR - Agreement Concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for Testing of Materials; bw - Body weight; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardisation DSL - Domestic List of Substances (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Programme; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half of the Maximum Inhibitory Concentration; ICAO - International Civil Aviation Organisation; IECSC - China Inventory of Existing Chemical Substances; IMDG - International Maritime Dangerous Goods Transport IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECl - Korea's Inventory of Existing Chemical Substances; LC50 - 50% Lethal Concentration for a Test Population; LD50 - 50% Lethal Dose for a Test Population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships;



n.o.s. - not otherwise specified; NO(A)EC - Concentration with no observed (adverse) effects; NO(A)EL - Level with no observed (adverse) effects; NOELR - No observed effects level; NZIoC - New Zealand Inventory of Chemical Substances; OECD - Organisation for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemical Substances; (Q)SAR - (Quantitative) structure-activity relationships; REACH - Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Inventory of Chemical Substances; TECI - Inventory of Existing Chemical Substances in Thailand; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative.

NOTE TO THE USER

The information contained in this sheet is based on the knowledge available to us at the date of the last version.

The user must ensure the suitability and completeness of the information in relation to the specific use of the product. This document should not be interpreted as a guarantee of any specific product properties.

Since the use of the product is not under our direct control, it is the user's responsibility to observe the applicable health and safety laws and regulations.

We accept no liability for improper use.

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