

**Liquid for electronic cigarettes  
NICOTINE FREE**

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**1. Identification of the substance or mixture, and the company**

**1.1. Product identifier**

Commercial name: Liquid for electronic cigarettes - nicotine free  
 Available flavours: TOBACCO MAL REG TOBACCO ORIENTAL TOBACCO FRESH MINT  
 LIQUIRITAS ULTRA TOBACCO COW BOY TOBACCO SWEET TOBACCO  
 DARK RHUM  
 ISS code: VAPO-NCF

**1.2. Suitable and unsuitable uses of the substance or mixture**

Consumer uses: Liquid for electronic cigarettes - nicotine free  
 Unsuitable uses: All those not specifically identified on the label

**1.3. Information regarding provider of safety data sheet**

FUMADOR Srl  
 Via Serbelloni, 1 - 20122 Milan  
 Tel. +39 02 45 07 79 01  
 Email of qualified personnel: info@fumador.it

**1.4. Emergency telephone number**

+39 02 45 07 79 01 (from 9am to 12pm and from 2pm to 5pm)  
 Section 16 of this information sheet lists the telephone numbers of 24-hour poison centres in Italy.

**2. Identification of hazards**

**2.1. Classification of substance or mixture**

Classification according to Regulation (EC) no. 1272/2008

Non hazardous  
 Pictograms: none  
 Hazard class and category codes: non hazardous  
 Hazard statement codes: non hazardous

Classification according to Directive 1999/45/EEC

Classification: Xn; R21  
 Classification: non hazardous  
 Nature of specific risks attributed: none in particular

**2.2. Labelling elements**

Labelling in accordance with Regulation (EC) no. 1272/2008

Pictograms, signal word codes: none  
 Precautionary statements: none  
 Precautionary statement considered opportune and suggested by the Memorandum of the Italian Ministry of Health on 11/02/2010  
 "Keep out of reach of children".

**2.3. Other hazards**

No other data available.  
 The mixture DOES NOT contain PBT/vPvB substances in accordance with Regulation (EC) 1907/2006, annex XIII

**3. Composition/information on ingredients**

**3.1. Composition/information on ingredients**

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Glycerine	>30 < 50%	Not classified as dangerous by current legislation	---	56-81-5	---	---
Propylene glycol	>30 < 50%	Not classified as dangerous by current legislation	---	57-55-6	---	---
Natural flavouring for use in foodstuffs	>1 < 5%	Not classified as dangerous by current legislation	---	---	---	---

**4. First aid measures**

**4.1. Description of first aid measures**

**Inhalation:** Ventilate the room. Remove victim from the affected area and keep at rest in a ventilated environment. IF THE PERSON FEELS UNWELL, CALL A DOCTOR

**Direct skin contact (with undiluted product):** Remove contaminated clothing. Wash the affected skin areas with plenty of water, even if contact is only suspected. Do not use neutralising substances or ointments for the first 24 hours, unless instructed to do so by a doctor. CALL A DOCTOR if the situation is clearly serious.

**Direct eye contact (with undiluted product):** Flush immediately with plenty of running water for at least 15 minutes, keeping the eyelids open. Protect the eyes with dry sterile gauze and seek specialist medical attention. Do not use eye-drops or ointment of any kind unless instructed to do so by a doctor.

**Ingestion:** SEEK IMMEDIATE MEDICAL ATTENTION. Do not provoke vomiting or give anything at all without supervision by health personnel. Keep the victim at rest in a ventilated room.

**4.2. Principal symptoms and effects, both acute and delayed**

No data available

**4.3. Indication of whether professional assistance by a doctor and special treatment should be sought immediately**

See heading 4.1. Description of first aid measures.

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**5. Fire-fighting measures**

**5.1. Extinguishing media**

**Recommended extinguishing media:** Water mist, CO2, foam, chemical powders, depending on the materials involved in the fire

**Extinguishing media to be avoided:** None

**5.2. Special exposure hazards deriving from the substance or mixture:**

Potentially harmful fumes can develop during combustion

**5.3. Recommendations for fire-fighters**

Use special clothing to protect the respiratory system, eyes and skin. Water mist can be used to disperse fumes and protect the people fighting the fire. The use of self-contained breathing apparatus is also recommended, especially if operating in closed, poorly-ventilated spaces, and whenever using Halon extinguishers. Always wear the protective gear specific to the fire-fighting squad.

**6. Accidental release measures**

**6.1. Personal precautions, protective devices, and emergency procedures**

For those not involved in taking action:

Move away from the area around the spillage or release. Do not smoke.

For those taking direct action:

General information: use suitable individual protective equipment, as described in Section 8.

Personal precautions:

Trained and suitably protected staff can carry out cleaning up operations. Any contaminated clothing must be immersed in water while waiting to be washed.

**6.2. Environmental precautions**

Contain spillages with earth or sand, and prevent them from flowing into surface watercourses or drains. In the event of large-scale release into a watercourse or the soil, inform the relevant authorities.

**6.3. Methods and materials for containment and clearing up**

Collect the product to be eliminated and remove by using absorbent material. After removal, wash the affected area and materials with plenty of water and remove this water afterwards.

**6.4. Reference to other sections**

Refer to sections 8 and 13 for further information

**7. Handling and Storage**

**7.1. Precautions for safe handling**

Do not smoke, eat or drink while handling. Use suitable personal protective equipment (see section 8).

**7.2. Conditions for safe storage, including any incompatibilities**

Store in original packaging in a cool, well-ventilated place away from heat sources.

**7.3. Specific uses**

No data available.

**8. Exposure controls/personal protection**

**8.1. Control parameters**

Regarding the substances contained

The substances that make up the mixture are not liable to any specific control parameters in the workplace.

**8.2. Exposure controls**

Personal protection measures

**a) Eye/face protection** - Use safety glasses with side protection in accordance with EN-166

**b) Skin protection**

Hand protection - The use of waterproof protective gloves (made from neoprene or natural rubber) is recommended, in accordance with EN374-1, -2 and -3. Use gloves with an adequate permeation rate in relation to the duration of dermal exposure.

Other - Avoid direct contact with the skin by using suitable protective clothing

**c) Respiratory protection**

This is not necessary in situations of normal use in spaces with adequate ventilation. In the event of prolonged use in confined spaces, use protective respiratory devices in accordance with UNI EN 529:2006 (Respiratory protective devices - recommendations for selection, use, care and maintenance - guidance document), establishing the adequate "assigned protection factor" (APF).

**d) Thermal hazards**

Avoid exposure to naked flames. Control of environmental exposure. Avoid the release of the product into the environment.

**9. Physical and chemical properties**

**9.1. Information on the basic physical and chemical properties**

Physical and chemical properties	Value
Appearance	Liquid
Odour	Characteristic
Odour threshold	Not established
PH at 20°C	7.0 ± 0.2
Melting point/freezing point	Not established

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Boiling point/boiling range	>180°C / 295°C
Flash point (closed cup)	>100°C
Evaporation rate	Not established
Flammability (solid, gas)	Not applicable
Upper/lower limit of flammability or explosivity	Not established
Vapour pressure	Not established
Vapour density	Not established
Relative density	1.150 ± 0.005
Solubility	Soluble in polar solvents
Solubility in water	Soluble
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	Not established
Explosive properties	Not established
Oxidising properties	Not established

**9.2. Other information** No data available.**10. Stability and reactivity****10.1. Reactivity**

There is no risk of reactivity under normal conditions of use and following the recommended instructions.

**10.2. Chemical stability**

Stable in normal storage conditions.

**10.3. Possibility of hazardous reactions**

No hazardous reactions occur when used according to the instructions on the label.

**10.4. Conditions to avoid**

Do not mix with other chemical products in general.

**10.5. Incompatible materials**

Oxidising agents.

**10.6. Hazardous decomposition products**

The product does not decompose in normal conditions of use.

**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

No episodes of damage to health from exposure to the product are known. In any case, the product should be used according to the practice of good industrial hygiene.

**Acute inhalation toxicity**

No episodes of damage to health from exposure to the product are known. In any case, the product should be used according to the practice of good industrial hygiene.

**Irritation caused by direct contact (with the undiluted product)****Skin**

No episodes of damage to health from exposure to the product are known. In any case, the product should be used according to the practice of good industrial hygiene.

**Eyes**

No episodes of damage to health from exposure to the product are known. In any case, the product should be used according to the practice of good industrial hygiene.

**12. Ecological information****12.1. Toxicity**

Data regarding mixture not available. Propylene glycol: LC50 (fish) &gt; 5500 mg/l

**12.2. Persistence and degradability**

Data regarding mixture not available. The components of the mixture are easily biodegradable.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

It does not contain PBT or vPvB substances.

**12.6. Other adverse effects**

No data available.

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**13. Disposal considerations****13.1. Waste handling methods**

Do not re-use empty containers. Dispose of them according to current legislation. Any residues can be burned in a suitable incinerator equipped with post-combustion and catalytic reduction.

**14. Transport information****14.1. UN Number**

Not classified as dangerous by legislation regarding the transport of dangerous goods by road (ADR), rail (RID), air (ICAO/IATA) and sea (IMDG).

**14.2. UN shipping name**

Not applicable

**14.3. Hazard classes for transport**

Class:	unclassified
Labelling:	not applicable
Tunnel restriction code:	not applicable
Limited quantities:	not applicable
EMS	not applicable

**14.4. Packing group**

Unclassified

**14.5. Environmental hazards**

Dangerous to the environment:	NO
Marine pollutant:	NO

**14.6. Special precautions for users**

No data available.

**14.7. Bulk transport in accordance with annex II of MARPOL 73/78 and IBC code**

Transportation in bulk does not apply.

**15. Regulatory information****15.1. Health, safety and environmental legislation specific to the substance or mixture**

Italian government law decree no. 52 of 03/02/1997

(Implementation of Council Directive 92/32/EEC concerning the classification, packaging and labelling of dangerous substances).

Italian government law decree no. 65 of 14/03/2003

(Implementation of Council Directive 1999/45/EC and 2001/60/EC concerning the classification, packaging and labelling of dangerous preparations).

Italian government law decree no. 25 of 02/02/2002

(Implementation of Council Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemical agents at work).

Italian Ministerial Decree of 26/02/2004

(Definition of an initial list of limit values indicating occupational exposure to chemical agents).

Italian Ministerial Decree of 03/04/2007

(Implementation of Commission Directive 2006/8/EC of 23/01/2006 amending, for the purposes of their adaptation to technical progress, Annexes II, III and V to Directive 1999/45/EC of the European Parliament and of the Council concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations).

Regulation (EC) no. 1907/2006 of 18/12/2006 of the European Parliament and of the Council

Concerning the registration, evaluation, authorisation and restriction of chemicals (REACH) establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) no. 1272/2008 of 16/12/2008 of the European Parliament and of the Council

On classification, labelling and packaging of substances and mixtures, amending and repealing

Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Regulation (EC) no. 790/2009 of 10/08/2009 of the Commission

amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC)

No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

Italian Ministry of Health Memorandum 0006710-P-11/02/2010

Order of the Italian Ministry of Health of 28/09/2012

**15.2. Chemical safety assessment**

Chemical safety assessment not required

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**16. Other information****16.1. Other information**

Description of risk phrases used in section 3

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Description of hazard statements used in section 3

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If necessary, contact one of these 24 hour poison centres:

BOLOGNA: Centro Antiveleni Ospedale Maggiore - tel. 0510 333333  
CATANIA: Centro di Rianimazione Ospedale Garibaldi - tel. 095 7594120  
CESENA: Centro Antiveleni Ospedale Maurizio Sufalini - tel. 0547 352612  
CHIETI: Centro Antiveleni Ospedale SS. Annunziata - tel. 0871 345362  
FLORENCE: Servizio Autonomo di Tossicologia Università degli Studi - tel. 055 4277238  
GENOA: Centro Antiveleni Ospedale San Martino - tel. 010 352808  
GENOA: Servizio Antiveleni Istituto Scientifico 'O. Gaslini' - tel. 010 56361 / 00103760603  
LA SPEZIA: Ospedale Civile Sant'Andrea - tel. 0487 533296  
LECCE: Centro Antiveleni Ospedale Vito Pazzi - tel. 0832 665374  
MILAN: Centro Antiveleni Ospedale Niguarda - tel. 02 66101029  
NAPLES: Centro Antiveleni Ospedale Cardarelli - tel. 081 7472870  
PAVIA: Clinica del Lavoro e della Riabilitazione IRCCS - tel. 0382 24444  
REGGIO CALABRIA: Centro Antiveleni Ospedali Riuniti - tel. 0965 811624  
ROME: Centro Antiveleni Policlinico Gemelli - tel. 06 3054343  
ROME: Centro Antiveleni Policlinico Umberto 1° - tel. 06 490863  
TURIN: Centro Antiveleni Istituto Anestesia e Rianimazione - tel. 011 6637637

## PRINCIPAL BIBLIOGRAPHICAL SOURCES

ACGIH - American Conference of Governmental Industrial Hygienists  
ECB - European Chemicals Bureau  
IARC - International Agency for Research on Cancer  
IPCS - International Programme on Chemical Safety (Cards)  
NIOSH - Registry of toxic effects of chemical substances (1983)  
OSHA - European Agency for Safety and Health at Work  
PHATOX - Pharmacological and Toxicological Data and Information Network

Safety Data Sheet in accordance with Regulation (EC) no. 453/2010 of 20/05/2010 and subsequent amendments

Revised paragraphs are indicated by highlighted text.

This Safety Data Sheet cancels and replaces all previous versions.

The information provided on this Safety Data Sheet has been obtained from the best available sources and to our best knowledge at the time of revision. Neither the company nor any of its subsidiaries shall accept complaints deriving from the improper use of the information contained herein or from the improper use of the product. Special attention should be given to the use of the preparations, as improper use may increase their dangerousness.