

Extra Dry Formula Rev mini - Single Line - Blend Line - Barrique Line - MINISHOT

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Concentrate - concentrated tobacco extract.

This security data sheet is valid for the list of commercial names and product codes shown in the following table:
List of commercial names and product codes:

SINGLE LINE

Virginia - 174.1 s10 - PLA010018
Burley - 177.1 s10 - PLA010019
Kentucky - 175.1 s10 - PLA010021
Latakia - 176.1 s10 - PLA010022
Cavendish - 178.1 s10 - PLA010020

Kentucky USA - 183.1 s10 - PLA000505
Red Virginia 187.1 s10 - PLA000509

BLEND LINE

New York - 171.1 s10 - PLA010026
London - 173.1 s10 - PLA010027
E-Cig - 188.1 s10 - PLA010040

BARRIQUE LINE

American Blend 191.1 s10 - PLA010029
English Mixture 192.1 s10 - PLA010030
E-Cig Riserva 198.1 s10 - PLA010031

It does not contain nanoform or substances that include nanoform.

Code: Extra Dry Formula Rev mini
Product name Single Line - Blend Line - Barrique Line - MINISHOT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Dilute before use.

Irrelevant identified uses: Not a food. Do not swallow. Do not use as it is. All those not expressly indicated as relevant.

Intended use Concentrated.

1.3. Details of the supplier of the Information Sheet

Name L ERBORISTERIA SRL
Full address Via Enrico Forlanini 10
District and Country 00012 Guidonia (Rm)
Italia
Tel. +39 3934560139
e-mail address of the competent person responsible for the information sheet info@latabaccheria.net
Supplier: Orlando D'Alessandro

1.4. Emergency telephone number

For urgent inquiries refer to For urgent information contact the Poison Center of Rome +39 06 3054343 (CAV Policlinico Gemelli - Rome)

Telephone numbers of the main Italian Poison Centers (active 24/24 hours)
Poison Center of Pavia +39 0382 24444 (CAV IRCCS Fondazione Maugeri Pavia)

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SECTION 1. Identification of the substance/mixture and of the company/undertaking ... / >>

Poison Center of Milan +39 02 66101029 (CAV Niguarda Ca' Granda Milano)
Poison center of Bergamo +39 800 883300 (CAV Ospedali Riuniti - Bergamo)
Poison center of Florence + 39 055 7947819 (CAV Hospital Careggi - Florence)
Poison center of Rome +39 06 49978000 (CAV Policlinico Umberto I - Rome)

Marco Marano Cav "Osp. Pediatric Bambino Gesù" Emergency and Acceptance Goddess Rome Piazza Sant'Onofrio, 4 00165 06 68593726
Anna Lepore az. Osp. Univ. Foggia Foggia V.le Luigi Pinto, 1 71122 800183459
Romolo Villani az. Osp. "A. Cardarelli" Naples via A. Cardarelli, 9 80131 081-5453333
M. Caterina Grassi Cav Policlinico "Umberto I" Rome V.le del Policlinico, 155 161 06-49978000
Alessandro Barelli Cav Policlinico "A. Gemelli" Rome Largo Agostino Gemelli, 8 168 06-3054343
Francesco Gambassi az. Osp. "Careggi" U.O. Medical Toxicology Florence Largo Brambilla, 3 50134 055-7947819
Carlo Locatelli Cav National Toxicological Information Center Pavia Via Salvatore Maugeri, 10 27100 0382-24444
Franca Davanzo Osp. Niguarda Ca 'Granda Milan Piazza Ospedale Maggiore, 3 20162 02-661029
Bacis Giuseppe Hospital Pope John XXII Bergamo Hospital Piazza WHO, 1 24127 800883300
Giorgio Ricci Integrated Hospital Verona Verona Aristide Stefani, 1 37126 800011858

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: --

2.2. Label elements

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements:

P103 Read label before use.
P501 Dispose of product / container in accordance with national regulations.
P102 Keep out of reach of children.
P401 Store between 1°C and 40°C away from sunlight.
P301+P312 IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

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

SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant

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SECTION 3. Composition/information on ingredients ... / >>**3.2. Mixtures**

Contains:

Identification **x = Conc. %** **Classification (EC) 1272/2008 (CLP)****Propylene Glycol USP-EP-E1520****INDEX** $96 \leq x < 100$ **EC** 200-338-0**CAS** 57-55-6**REACH Reg.** 01-2119456809-23

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures**4.1. Description of first aid measures**

No effects requiring implementation of special first aid measures are expected. The following information represents practical indications of correct behaviour in the event of contact with a chemical product, even if not hazardous.

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

SECTION 5. Firefighting measures**5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Do not breathe combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

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SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

Before handling the product, consult all the other sections of this material information sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection**8.1. Control parameters****Propylene Glycol USP-EP-E1520****Predicted no-effect concentration - PNEC**

Normal value in fresh water	260	mg/l
Normal value in marine water	26	mg/l
Normal value for fresh water sediment	572	mg/kg
Normal value for marine water sediment	57,2	mg/kg
Normal value for water, intermittent release	183	mg/l
Normal value of STP microorganisms	20000	mg/l
Normal value for the terrestrial compartment	50	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			10 mg/m3	50 mg/m3			10 mg/m3	168 mg/m3

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

EYE PROTECTION

None required.

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SECTION 8. Exposure controls/personal protection ... / >>

RESPIRATORY PROTECTION

None required, unless indicated otherwise in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	various	
Odour	Simile al Tabacco	
Melting point / freezing point	-3,2 °C	Method:EU Method A.1 Substance:Tobacco Extract
Initial boiling point	184 °C	Substance:Propylene Glycol USP-EP-E1520 Initial boiling point: 184 °C
Flammability	not flammable	Method:EU Method A.9 (Flash-Point) Substance:Tobacco Extract
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	104 °C	Substance:Propylene Glycol USP-EP-E1520 Flash point: 101 °C
Auto-ignition temperature	355 °C	Method:EU Method A.15 (Auto-Ignition Temperature (Liquids and Gases)) Substance:Tobacco Extract
Decomposition temperature	not available	
pH	5-7	
Kinematic viscosity	43 cst	Temperature: 20 °C
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	20 Pa	Substance:Propylene Glycol USP-EP-E1520 Vapour pressure: 1 mmHg
Density and/or relative density	1,03 g/cm3	Temperature: 25 °C
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

Propylene Glycol USP-EP-E1520

Hygroscopic.Stable in normal conditions of use and storage.

At high temperatures it tends to oxidate to form propionaldehyde and lactic and acetic acid.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

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SECTION 10. Stability and reactivity ... / >>

Propylene Glycol USP-EP-E1520

Maintaining a temperature of less than 40 °C.

Stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

Propylene Glycol USP-EP-E1520

May react dangerously with: acid chlorides, acid anhydrides, oxidising agents.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Propylene Glycol USP-EP-E1520

May develop: carbon oxides.

SECTION 11. Toxicological information

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

Not classified (no significant component)

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

Propylene Glycol USP-EP-E1520

LD50 (Dermal):

> 2000 mg/kg ratto

LD50 (Oral):

22000 mg/kg ratto

Propylene Glycol USP-EP-E1520

Tossicità dopo assunzione ripetuta (subacuta, subcronica, cronica)

Tossicità orale subacuta

Parametro : NOAEL(C) (PROPANE-1,2-DIOL ; No. CAS : 57-55-6)

Via di esposizione : Per via orale

Specie : Ratto (maschio)

Dose efficace : 1700 mg/kg

Tossicità inalativa subacuta

Parametro : NOAEC (PROPANE-1,2-DIOL ; No. CAS : 57-55-6)

Via di esposizione : Inalazione

Specie : Ratto (maschio)

Dose efficace : 2200 mg/m3.

SKIN CORROSION / IRRITATION

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SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

Propylene Glycol USP-EP-E1520
Potere irritante: non irritante.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

Propylene Glycol USP-EP-E1520
Potere irritante: non irritante.

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Propylene Glycol USP-EP-E1520
Non si conoscono effetti sensibilizzanti.

Skin sensitization

Propylene Glycol USP-EP-E1520
Non si conoscono effetti sensibilizzanti.

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Propylene Glycol USP-EP-E1520
Cancerogenicità
Parametro : NOAEL(C) (PROPANE-1,2-DIOL ; No. CAS : 57-55-6)
Via di esposizione : Ratto (maschio)
Dose efficace : 1700 mg/kg.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on development of the offspring

Propylene Glycol USP-EP-E1520
Possibili effetti nocivi sulla tossicità dello sviluppo
Parametro : NOAEL (Sviluppo fetale) (PROPANE-1,2-DIOL ; No. CAS : 57-55-6)
Via di esposizione : Topo
Dose efficace : 10400 mg/kg bw/day.

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

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SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Propylene Glycol USP-EP-E1520	
LC50 - for Fish	40613 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea	18340 mg/l/48h Ceriodaphnia dubia
EC50 - for Algae / Aquatic Plants	19000 mg/l/48h Skeletonema costatum

12.2. Persistence and degradability

Propylene Glycol USP-EP-E1520	
Solubility in water	1000 - 10000 mg/l
Rapidly degradable	

12.3. Bioaccumulative potential

Propylene Glycol USP-EP-E1520	
Partition coefficient: n-octanol/water	-1,07
BCF	0,09

12.4. Mobility in soil

Propylene Glycol USP-EP-E1520	
Partition coefficient: soil/water	0,46

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

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SECTION 14. Transport information ... / >>**14.3. Transport hazard class(es)**

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Seveso Category - Directive 2012/18/EU:

None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Additional Information:

- Sale prohibited to minors under 18 years.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level

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SECTION 16. Other information ... / >>

- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
26. Delegated Regulation (UE) 2024/197 (XXI Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health

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and safety laws and regulations. The producer is relieved from any liability arising from improper uses.
Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.