

PRODUCT DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDRETAKING

1.1 Product identifier

Mixture:

Emea Blow Dry spray 50 ml

Contain: ethanol

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

Relevant identified uses of: Cosmetics for external use only, a product for the care nails

1.3 Details of the supplier of the safety data sheet

Manufacturer: PHARMA-C-FOOD Sp. z o. o.
ul. Mokra 7
32 – 005 Niepołomice
Poland
Phone no.: +48 12 – 281 – 35 – 00
e-mail: karty.charakterystyki@pharmacf.com.pl

1.4. Emergency telephone number

+48 12 281 34 50 , open in business hours from 8:00 until 16:00

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. Aerosol 1 H222

Extremely flammable aerosol category – 1 H222

2.2. Label elements

1. Pictograms:



2. Signal word: **Danger**

3. Hazard statement: **H222: Extremely flammable aerosol**

H229 - Pressurized container: may burst if heated

4. Precautionary statement:

P102 - Keep out of reach of children

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source

P251 - Do not pierce or burn, even after use

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep out of reach of children.

2.3. Other hazards

Lack of information on compliance with the classification criteria for PBT or vPvB in accordance with Annex XIII of REACH. Appropriate studies have not been conducted.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous substance	Nr CAS	EC No	Index No.	Content	Substance classification
Propane	74-98-6	200-827-9	601-003-00-5	73,3% m/m	Flam. Gas 1, H220* **
Butane	106-97-8	203-448-7	601-004-00-0		Flam. Gas 1, H220* **
Isobutane	75-28-5	200-857-2	601-004-00-0		Flam. Gas 1, H220* **
Ethanol	64-17-5	200-578-6	603-002-00-5	5,53 % m/m	Flam. Liq. 2 H225* **

**Attention: Symbols H refer to 100% active substance- not its concentration in the formulation.*

*** Full name returns to point . 3.2. See section 16*

INGREDIENTS/ INCI: BUTANE, PROPANE, DICAPRYLYL CARBONATE, ALCOHOL DENAT., ISOBUTANE, PARFUM

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measure

Use suitable protective equipment (section 8).

Inhalation	Supply fresh air. Consult doctor in case of symptoms. If the victim is conscious, keep warm and place in a stable position.
Skin	Accidental use of : Wash contaminated skin with a light stream of water with soap. Seek medical assistance in case of skin lesions.
Eye	Remove contact lenses. Immediately flush the eyes with plenty of water using a light stream while separating the eyelids. Consult an ophthalmologist.
Being swallowed	Flush the mouth with water (only if the person is conscious). Seek medical advice. Do not induce vomiting.

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

There are no data on the mixture itself. See toxicological information (section 11).

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

The decision on how to proceed rescue made by a doctor after a thorough examination of the injured. Treat symptomatically. Never give anything by mouth to an unconscious person.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	CO ₂ , dry powder, foam resistant to alcohol, alcohol-resistant foam water spray
Unsuitable extinguishing media	Water jet - risk of the spread of fire

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion Products: During combustion may liberate harmful and irritating fumes containing carbon and nitrogen oxides. Avoid inhaling combustion products, may pose a health risk.

5.3. Advice for firefighters

Personal protection typical in case of fire. Do not stay in danger fire area without proper chemical-resistant clothing and breathing apparatus with independent air circulation. Heated containers may explode. Cool containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Restrict access of outsiders to the area of failure until the completion of proper cleaning operations. For large spills, isolate the affected area. Ensure adequate ventilation, especially in the lower parts of rooms. Remove sources of ignition of fire. Avoid breathing vapor or mist. Wearing appropriate protective equipment (including personal protective measures referred to in section 8 of the safety data sheet) to prevent any contamination of skin, eyes or clothing.

For persons giving aid:

Chemical resistant clothing, breathing apparatus with independent air circulation.

6.2. Environmental precautions

Procedure	Remove all potential ignition sources, protect damaged container, the liquid collected from damaged packaging put in emergency container and be disposed of. Do not apply excessive pollution and working clothes soaking preparation.
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6.3. Methods and material for containment and cleaning up

Appropriate methods of containment may include:

Larger spills with dikes and pump. Use spark-proof tools.

Appropriate ways of liquidation, for example:

The product cover up with inflammable liquid absorbent material (eg. sand, earth, universal binders) and place in labeled containers. The collected material is treated as waste. clear and well ventilate the contaminated site.

6.4. Reference to other sections

Waste handling - section 13. Personal protective equipment - section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

General safe handling provisions	<i>General recommendations storage:</i> Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. <i>Additional information on storage conditions:</i> Follow the instructions on the label. Use personal protective equipment. Unauthorized trespassing.
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7.2. Conditions for safe storage, including any incompatibilities

Risks associated with flammability:

Keep only in original packaging. Store in a dry, well-ventilated area. The recommended storage temperature of 5-25 ° C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Do not spray on an open flame or other ignition source.

VCI storage class: 2B

7.3. Specific end uses(s)

Extremely flammable aerosol. Pressurised container: May burst if heated. Do not pierce or burn, even after use. Keep away from children. Do not spray near the eyes area. Do not apply to irritated and damaged skin.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Name substance	NDS	NDSch	NDSP
	mg/m ³	mg/m ³	mg/m ³
Butane	1900	3000	-
Isobutane	-	-	-
Propane	1800	-	-
Ethanol	1900	-	-

Legal basis: Acts. Laws 2002, No. 217, item. 1833, as amended. d.

8.2. Exposure controls

In the workplace ventilation must be provided. At work do not eat, drink or smoke. Before break and after work carefully wash hands.

Personal protection	inhalation	not required
	Hands	protective gloves
	Eyes	goggles
	Skin and body	not required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance:	aerosol, transparent liquid without mechanical impurities
b) Odour:	pleasant, characteristic composition used
c) Odour threshold:	no data
d) pH:	indefinite
e) Melting / freezing point:	no data
f) Initial boiling point and boiling range:	indefinite
g) Flash point:	no data
h) Evaporation rate:	not available
i) Flammability (solid, gas):	not available
j) Upper / lower flammability limit or upper / lower explosion limit:	no data
k) Vapour pressure:	not available
l) Vapour density:	not available
m) Relative density:	no data
n) Solubility:	yes
o) Partition coefficient: n - octanol / water:	no data
p) Auto-ignition temperature:	not available
q) Decomposition temperature:	not available
r) Viscosity:	no data
s) Explosive properties:	no data
t) Oxidising properties:	not available

9.2. Other information

No additional test results.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

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

10.2. Chemical stability

No dangerous chemical reactions when stored and handled according to instructions.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Risks associated with flammability, remove potential sources of ignition.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Data relating to the mixture in the form of marketed:

a) acute toxicity:	does not, no data
b) skin corrosion / irritation:	does not, no data
c) serious eye damage / irritation:	does not, no data
d) sensitization on inhalation or skin:	does not, no data
e) the effect Germ cell mutagenicity:	not compliant, no data
f) carcinogenicity:	not compliant, no data
g) reproductive toxicity:	does not, no data

- h) toxic effects on target organs - repeated exposure:
i) toxic effects on target organs - repeated exposure:
j) aspiration hazard:

not compliant, no data
not compliant, no data
does not, no data

The mixture has not been tested for its health effects. Relevant information on the risks of ethyl alcohol [CAS 64-17-5]:

LC50 (inhalation, rat): 20 000 ppm / 10h
LC50 (inhalation, mouse) 39 mg / m³ / 4h
LD50 (oral, rat) 7 060 mg / kg
LD50 (oral, mouse) 3 450 mg / kg
LD50 (oral, rabbit) 6 300 mg / kg

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not known.

Ethanol toxicity:

- to fish: *Leuciscus idus* LC50 8140 mg / l / 48h
- to daphnia: *EC50 Daphnia magna* 9268-1421 mg / l / 48h
- to algae: *Scenedesmus quadricauda* IC50 5000 mg / l / 7d
- to bacteria: *Pseudomonas putida* EU5 6500 mg / l / 16h

12.2. Persistence and degradability

No details.

12.3. Bioaccumulative potential

No details.

12.4 Mobility in soil

Not known.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects:

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

The method of recycling: Recycling. Before the segregation of waste should be separated from the elements of other materials (eg. a plastic tip). Pressurized container - do not pierce or burn.

European Waste Catalogue (EWC): 15 01 02 plastic packaging
15 01 04 metallic packaging

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Based on the ADR products UN1950 (table 3.4.6.) the product is transported by disabling

14.2. UN proper shipping name

Aerosols, flammable

14.3. Transport hazard class(es)

ADR/RID	2
IMDG	2
IATA	2

14.4. Packing group

ADR/RID	-
IMDG	-
IATA	-

14.5. Environmental hazards

The product has not been tested.

14.6. Special precautions for user

Always transport in original and closed containers.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety , health and environmental regulations/legislation specific for the substance or mixture.

- 1) Commission Regulation (EU) No 2015/830 of 28 May 2015. Amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Acts. Office. L 132, 05.29.2015 p.8
- 2) Regulation No. 1907/2006 of the European Parliament and of the Council of 18.12.2006 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 Directive 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC (in the corrected version Journal. Office. EU L 136, 29.05.2007 p.3, along with subsequent. d.)
- 3) European Parliament and Council Regulation (EC) No 1272/2008 of 18 December 2008. On the classification, labeling and packaging of substances and mixtures, amending and repealing Directive 67/548 / EEC and 1999/45 / EC and Regulation (EC) No 1907/2006. Acts. Office. L 353, 31.12.2008 p.1 of late. d.
- 4) The Act of 25 February 2011. On chemical substances and their mixtures (Dz.U.2011 No. 63, pos. 322 with later. d.)
- 5) Regulation of the European Parliament and of the Council (EU) No 649/2012 of 4 July 2012. Concerning the export and import of dangerous chemicals (OJ L 201, 27.07.2012 r., P. 60)
- 6) Statement of the Government on 28 May 2013. On the entry into force of amendments to Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957. (Dz. U. of 2013 r. pos. 815)
- 7) Regulation of the Minister of Labour and Social Policy of 6 June 2014. On maximum permissible concentration and intensity of harmful factors in the work environment (Journal of Laws of 2014. Pos. 817)
- 8) Regulation of the Minister of Health of 30 December 2004. On occupational health and safety related to occurrence of chemical agents at work (Dz. U. No. 11/2004 pos. 86, as amended. from 2008).
- 9) Regulation of the Minister of Economy of 21 December 2005. On essential requirements for personal protective equipment (OJ No 259/2005, item. 2173)

10) Act of 14 December 2012. On wastes (Journal of Laws of 2013. Pos. 21, as amended.)

11) Regulation of the Minister of the Environment of 9 December 2014. On waste (Dz. U. of 2014. Pos. 1923)

12) Regulation of the Minister of Economy dated. 10.03.2014 for aerosol products on specific requirements to be met aerosol products

15.2 Chemical safety assessment

Performed. Safe product. Dermatological tested.

SECTION 16: OTHER INFORMATION

Information contained herein applies to the specified product only.

This data sheet was prepared in accordance with the *Regulation of the Minister of Economy dated. 10.03.2014 for aerosol products on specific requirements to be met aerosol products*. The product has been classified in accordance with respective provisions so as the user is familiarized with the risks to health and environment. This safety data sheet has been developed in accordance with the regulations applicable in Poland.

This document does not constitute a product quality certificate.

The document has been adjusted to the current template of safety data sheets and classified according to the current classification criteria. The list of applicable laws and regulations has been provided in section 15.

R phrases have been replaced by H phrases as a result of the entry into force 20 January 2009., The CLP Regulation.

Full name returns to point. 3.2 .:

H220: Extremely flammable gas

H225: Highly flammable liquid and vapor