

SAFETY DATA SHEET



PANTHERA LINER

Issued on 02/28/2022 - Rel. # 1 on 02/28/2022

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In conformity to Regulation (EU) 2020/878

SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : PANTHERA LINER
Trades code : LI150

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

Sectors of use:

Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Product category:

INK TATTOOS

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Panthera srl

Via Giuseppe Galliano 60

76017 San Ferdinando di Puglia (BT)

Tel +39 0883622737

Orari di lavoro: Lunedì - Venerdì 09:00-12:00 e 15:00-17:00

Working hours: Monday - Friday 09:00-12:00 and 15:00-17:00

info@pantheraink.it

1.4. Emergency telephone number

Tel +39 0883622737

Centro Antiveneni di Bergamo, Azienda Ospedaliera Papa Giovanni XXII, Piazza OMS - Organizzazione Mondiale della Sanità, 1, 24127 Bergamo, Numero di Emergenza Telefono 800 88 33 00, Italia

Centro Antiveneni di Milano, Ospedale Niguarda Ca' Granda, Piazza Ospedale Maggiore 3, 20162 Milano, Numero di Emergenza Telefono +39 02 6610 1029, Italia

Centro Antiveneni di Roma, CAV Policlinico "A. Gemelli", Dipartimento di, Tossicologia Clinica, Università Cattolica del Sacro Cuore, Largo Agostino Gemelli, 8, 00168 Roma, Numero di Emergenza Telefono +39 06 305 4343, Italia

Centro Antiveneni di Roma, CAV Policlinico "Umberto I", Università di Roma, Viale del Policlinico, 155, 00161 Roma, Numero di Emergenza Telefono +39 06 4997 8000, Italia

Centro Antiveneni di Firenze, Az. Osp. "Careggi" U.O. Tossicologia Medica., S.O.D. di Tossicologia Clinica, Clinica, Largo Brambilla, 3, 50134 Firenze, Numero di Emergenza Telefono +39 055 794 7819, Italia

Centro Antiveneni di Pavia, CAV Centro Nazionale di Informazione, Tossicologica, IRCCS Fondazione Maugeri, Via Salvatore Maugeri, 10, 27100 Pavia, Numero di Emergenza Telefono +39 03 822 4444, Italia

Centro Antiveneni di Roma, CAV "Osp. Pediatrico Bambino Gesù" Dip., Emergenza e Accettazione DEA, Piazza Sant'Onofrio, 4, 00165 Roma, Numero di Emergenza Telefono +39 06 6859 3726, Italia

Centro Antiveneni di Foggia, Az. Osp. Univ. Foggia, V.le Luigi Pinto, 1, 71122 Foggia, Numero di Emergenza Telefono +39 800 183 459, Italia

Centro Antiveneni di Napoli, Az. Osp. "A. Cardarelli", Via A. Cardarelli, 9, 80131 Napoli, Numero di Emergenza Telefono +39 081 54 53 333 Italia

Centro Antiveneni di Verona Azienda Ospedaliera Integrata Verona Piazzale Aristide Stefani, 1 , 37126 Verona Numero di Emergenza Telefono +39 800 011 858 Italia

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

None

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Hazard Class and Category Code(s):
Nonhazardous

Hazard statement Code(s):
Nonhazardous

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
None

Hazard statement Code(s):
Nonhazardous

Supplemental Hazard statement Code(s):
EUH210 - Safety data sheet available on request.

Precautionary statements:
None in particular.

2.3. Other hazards

Substance/mixture meets the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
Octane-1,2-diol - FEMA -	>= 1 < 3%	Eye Irrit. 2, H319 ATE oral = 2.000,0 mg/kg ATE inhal = 7,0mg/l/4 h	-	1117-86-8	214-254-7	-
DL-hexane-1,2-diol	>= 1 < 3%	Eye Irrit. 2, H319 ATE oral = 6.166,0 mg/kg	ND	6920-22-5	230-029-6	NR

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:

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Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:
Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product).:
Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:
Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

No data available.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:
Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:
Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus
Safety helmet and full protective suit.
The spray water can be used to protect the people involved in the extinction
You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)
Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:
Leave the area surrounding the spill or release. Do not smoke
Wear gloves and protective clothing

6.1.2 For emergency responders:
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

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If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material. Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

At work do not eat or drink.

See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

Protect from heat and direct sun exposure. Operate in well-ventilated. Keep away from sources of ignition-no smoking. Take preventive measures to avoid electrostatic charges. Avoid contact with eyes. Do not inhale vapors or mists.

7.3. Specific end use(s)

Public domain (administration, education, entertainment, services, craftsmen):

Apart from the uses described in section 1.2 no other specific uses covered.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls



Appropriate engineering controls:

Public domain (administration, education, entertainment, services, craftsmen):

Handle in accordance with good hygiene practices and safety. Wash hands before breaks and at the end of workday.

Individual protection measures:

(a) Eye / face protection

Wear mask

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(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Use adequate protective respiratory equipment (EN 14387:2008)

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	COLORED LIQUID	
Colour	COLORED LIQUID	
Odour	Not determined	
Odour threshold	Not determined	
pH	Not determined	
Melting point/freezing point	Not determined	
Initial boiling point and boiling range	Not determined	
Flash point	Not determined	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not determined	
Upper/lower flammability or explosive limits	Not determined	
Vapour pressure	Not determined	
Vapour density	Not determined	
Relative density	Not determined	
Solubility	Not determined	
Water solubility	Not determined	
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Not determined	
Decomposition temperature	Not determined	
Viscosity	Not determined	
Explosive properties	Not determined	
Oxidising properties	Not determined	

9.2. Other information

No data available.

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SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: based on available data, the classification criteria are not met.

(b) skin corrosion/irritation: based on available data, the classification criteria are not met.

(c) serious eye damage/irritation: based on available data, the classification criteria are not met.

(d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met.

(f) carcinogenicity: based on available data, the classification criteria are not met.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

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

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

Octane-1,2-diol:

LD50 (rat) Oral (mg/kg body weight) = 2000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 7,015

DL-hexane-1,2-diol:

LD50 (rat) Oral (mg/kg body weight) = 6166

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11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

DL-hexane-1,2-diol:

Related to contained substances:

Octane-1,2-diol:

C(E)L50 (mg/l) = 2,2

DL-hexane-1,2-diol:

C(E)L50 (mg/l) = 110

NOEC (mg/l) = 1000

DL-hexane-1,2-diol

**** Not translated ****

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Operate according to local or national regulations

SECTION 14. Transport information

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14.1. UN number or ID number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information

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

D.Lgs. 3/2/1997 n. 52 (Classificazione, imballaggio ed etichettatura sostanze pericolose). D.Lgs 14/3/2003 n. 65 (Classificazione, imballaggio ed etichettatura preparati pericolosi). D.Lgs. 2/2/2002 n. 25 (Rischi derivanti da agenti chimici durante il lavoro). D.M. Lavoro 26/02/2004 (Limiti di esposizione professionali); D.M. 03/04/2007 (Attuazione della direttiva n. 2006/8/CE). Regolamento (CE) n. 1907/2006 (REACH), Regolamento (CE) n. 1272/2008 (CLP), Regolamento (CE) n.790/2009. Regolamento (UE) n. 286/2011 (ATP 2 CLP)
. D.Lgs. 21 settembre 2005 n. 238 (Direttiva Seveso Ter). Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004, relativo ai detersivi . Regolamento (CE) 453/2010 del Parlamento Europeo. DLgs 334/99 - Attività a rischio di incidenti rilevanti . DLgs 152/99 - Tutela della acque - scarichi idrici . DPR 203/88 - Emissioni in atmosfera . DLgs 22/97 - Norme sui rifiuti, sugli imballaggi e sui rifiuti di imballaggio.

Principali fonti bibliografiche:

ECDIN : Environmental Chemicals Data and Information Network- Join Research Centre, Commission of the European Communities

SAX's Dangerous Properties of Industrial Materials - Eight Edition - Van Nostrand Reinold

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

CESIO - Classification and labelling of anionic, nonionic surfactants (1990)

Direttiva 67/548 29° Adeguamento

Direttiva 1999/45/CE

Direttiva 2001/60/CE

Regolamento (CE) 1272/2008 CLP

Regolamento (CE) 1907/2006 REACH

Regolamento (CE) 453/2010

Regolamento (CE) 1223/2009

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Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004
Regolamento (CE) n. 790/2009 (ATP 1 CLP) e (UE) n. 758/2013
Direttiva 76/768/CEE
The Merck Index Ed. 10
HADLING Chemical Safety
European Chemicals Bureau: Existing Chemicals, <http://ecb.jrc/existing-chemicals/>
Sigma-Aldrich S.r.l
Sigma-Aldrich Co. LLC.
Gruppo BASF
Istituto Superiore di Sanità Viale Regina Elena 299 - 00161 - Roma (I)
A.C.G.I.H. – Documentary of the Threshold Limit Values
SIGMA-ALDRICH – Library of Chemical Safety Data
BOZZA MARUBINI M. et al. – Intossicazioni acute. Meccanismi, diagnosi e terapia. OEMF
BREThERICK – Bretherick's Handbook of Reactive Chemical Hazards
ECETOC – Monographs, Technical Reports, Special Reports, Documents, Joint Assessment of Commodity Chemicals
EPA – Chemical Emergency Preparedness Program – Interim Guidance – Chemical profiles
IARC – Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans
PATTY – Industrial Hygiene and Toxicology (3 Ed.)
SAX – Dangerous Properties of Industrial Materials (7 Ed.)
INRS – Fiche toxicologique (CD-ROM ed. 2002)
INRS – Réaction Chimiques Dangereuses
IPCS – Environmental Health Criteria
IPCS – Concise International Chemical Assessment Document
ITI – Toxic and Hazardous Industrial Chemical Safety Manual
IUCLID – International Uniform Chemical Information Database (CD-ROM)
KEITH & WALTERS – Compendium of Safety Data Sheets for Research and Industrial Chemicals
VCH
VERSCHUEREN K. – Handbook of Environmental Data on Organic Chemicals – 2 E(5.)
MERCK & Co. – The Merck Index
NIOSH/RTECS – Registry of Toxic Effects of Chemical Substances
WEAST – Handbook of Chemistry and Physics
NFPA – Fire Protection Guide for Hazardous Materials, National Fire Protection Boston – National Fire Codes Vol 13
DUTCH ASSOCIATION OF SAFETY EXPERTS – Handling Chemicals Safety

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3
H319 = Causes serious eye irritation.

Classification based on data of all mixture components

The information shall relate to product knowledge at the date of this card. The product must not be used for purposes other than those specified.

The product falls into the category of cosmetics and safety assessment filed in the Company Headquarters at the disposal of the competent Authority, in accordance with legislative decree 126/97

The information contained in this material safety data sheet are based on our current knowledge and laws of EU and national, while the users' work conditions outside our knowledge and control; However cannot be exhaustive and must therefore be regarded as indicative. The product v used for purposes other than those listed. Liability of the user and always comply with d hygiene, security and protection of the environment required by current laws.

This data sheet cancels and replaces any previous edition. ***