



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

1.1. Product identifier

Product name : DERMECRAN PROTECTION POLYVALENTE

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

Multi-purpose skin protection.

1.3. Details of the supplier of the safety data sheet

Registered company name : LABORATOIRE DE L'HOMME DE FER - SORIFA.

Address : 6, rue Michaël Faraday. 67540. OSTWALD. France.

Telephone : +33 (0)3 88 22 26 38. Fax : +33 (0)3 88 32 13 11.

sorifa@homme-de-fer.com

<http://www.sorifa.com>

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

Other emergency numbers

National Poisons Information Service of England: <http://npis.org> - NHS 111: dial 111 - National Poisons Information Centre of Ireland: 353 (1) 809 2166 - European Emergency Number Association (EENA) : 112

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Non-rinse-off cosmetic mixture.

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

EUH208 Contains BENZYL ALCOHOL. May produce an allergic reaction.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	Classification (EC) 1272/2008	Note	%
CAS: 8042-47-5 EC: 232-455-8 REACH: 01-2119487078-27 HUILE MINERALE BLANCHE		[i]	10 \leq x % < 25

(PETROLE) CAS: 5949-29-1 REACH: 01-2119457026-42	GHS07 Wng Eye Irrit. 2, H319		2.5 <= x % < 10
CITRIC ACID MONOHYDRATE CAS: 8002-74-2 EC: 232-315-6 REACH: 01-2119488076-30		[i]	1 <= x % < 2.5
PARAFFIN WAXES AND HYDROCARBON WAXES INDEX: 603-057-00-5 CAS: 100-51-6 EC: 202-859-9 REACH: 01-2119492630-38	GHS07 Wng Acute Tox. 4, H302 Skin Sens. 1B, H317 Eye Irrit. 2, H319	[i]	0.1 <= x % < 1
BENZYL ALCOHOL CAS: 532-32-1 EC: 208-534-8	GHS07 Wng Eye Irrit. 2, H319	[i]	0.1 <= x % < 1
SODIUM BENZOATE CAS: 128-37-0 EC: 204-881-4 REACH: 01-2119565113-46	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1	[i]	0 <= x % < 0.1
BUTYLATED HYDROXYTOLUENE CAS: 128-37-0 EC: 204-881-4 REACH: 01-2119565113-46	GHS09 Wng Aquatic Chronic 1, H410 M Chronic = 1	[i]	0 <= x % < 0.1

Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 5949-29-1 REACH: 01-2119457026-42		oral: ATE = 11700 mg/kg BW
CITRIC ACID MONOHYDRATE INDEX: 603-057-00-5 CAS: 100-51-6 EC: 202-859-9 REACH: 01-2119492630-38		oral: ATE = 1200 mg/kg BW
BENZYL ALCOHOL		

Information on ingredients :

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures**In the event of exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

In the event of swallowing :

Seek medical attention, showing the label.

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

Non-flammable.

5.1. Extinguishing media

No data available.

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

No data available.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
8002-74-2	2 mg/m ³				
128-37-0	2 (IFV) mg/m ³			A4	

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Excess	Notes
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8042-47-5		5A mg/m3		4(II)
100-51-6		5 ppm 22 mg/m3		2 (I)
532-32-1		10 E mg/m3		2 (II)
128-37-0		10 E mg/m3		4 (II)

- Australia (NOHSC: 3008, 1995) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
8002-74-2	2 mg/m3			H	
128-37-0	10 mg/m3			H	

- Austria (BGBl. II Nr. 156/2021) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
128-37-0	10 mg/m3				

- Belgium (Royal decree of 11/05/2021) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
8002-74-2	2 mg/m3				
128-37-0	2 mg/m3				

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
8002-74-2		2				36
128-37-0		10				

- Switzerland (Suva 2021) :

CAS	VME	VLE	Valeur plafond	Notations
8042-47-5	5 mg/m3			SSC
8002-74-2	2 mg/m3			
100-51-6	5 ppm 22 mg/m3			RSSC
128-37-0	10 mg/m3	40 mg/m3		C1

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
8002-74-2	2 mg/m3	6 mg/m3			
128-37-0	10 mg/m3				

- USA / AIHA WEEL (American Industrial Hygiene Association, Workplace Environmental Exposure Limit, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
100-51-6	10 ppm				

8.2. Exposure controls

- Eye / face protection

Avoid contact with eyes.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state :	Viscous liquid.
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Colour

Colour:	Not stated.
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Odour

Odour threshold :	Not stated.
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Freezing point

Freezing point / Freezing range :	Not stated.
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Boiling point or initial boiling point and boiling range

Boiling point/boiling range :	Not relevant.
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Flammability

Flammability (solid, gas) :	Not stated.
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Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) :	Not stated.
Explosive properties, upper explosivity limit (%) :	Not stated.

Flash point

Flash point interval :	Not relevant.
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Auto-ignition temperature

Self-ignition temperature :	Not relevant.
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Decomposition temperature

Decomposition point/decomposition range :	Not relevant.
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pH

pH (aqueous solution) :	Not stated.
pH :	Not stated.
	Neutral.

Kinematic viscosity

Viscosity :	Not stated.
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Solubility

Water solubility :	Dilutable.
Fat solubility :	Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water :	Not stated.
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Vapour pressure

Vapour pressure (50°C) :	Not relevant.
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Density and/or relative density

Density :	> 1
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Relative vapour density

Vapour density :	Not stated.
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Particle characteristics

The mixture does not contain nanoforms.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :
- frost

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

No data available.

11.1.1. Substances**Acute toxicity :**

SODIUM BENZOATE (CAS: 532-32-1)

Oral route : 2000 < LD50 <= 5000 mg/kg
Species : Rat

Dermal route : 2,000 < LD50 <= 5000 mg/kg
Species : Rabbit

Inhalation route (Dusts/mist) :	LC50 > 12.2 mg/l Species : Rat
BENZYL ALCOHOL (CAS: 100-51-6)	
Oral route :	LD50 = 1200 mg/kg bodyweight/day
PARAFFIN WAXES AND HYDROCARBON WAXES (CAS: 8002-74-2)	
Oral route :	LD50 > 5000 mg/kg Species : Rat
Dermal route :	2,000 < LD50 <= 5000 mg/kg Species : Rabbit
CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)	
Oral route :	LD50 = 11700 mg/kg bodyweight/day Species : Rat
Dermal route :	2,000 < LD50 <= 5000 mg/kg Species : Rat
HUILE MINERALE BLANCHE (PETROLE) (CAS: 8042-47-5)	
Oral route :	LD50 > 5000 mg/kg Species : Rat
Dermal route :	LD50 > 2000 mg/kg bodyweight/day Species : Rabbit
Inhalation route (Vapours) :	LC50 > 5000 mg/m3 Species : Rat

11.1.2. Mixture

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

11.2. Information on other hazards

Endocrine disrupting properties

The mixture does not contain any substance evaluated as an endocrine disruptor with effects on human health.

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

SODIUM BENZOATE (CAS: 532-32-1)	
Fish toxicity :	LC50 > 100 mg/l Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 > 100 mg/l Species : Daphnia magna Duration of exposure : 48 h
	NOEC = 51 mg/l Species : Daphnia magna Duration of exposure : 21 days
CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)	
Fish toxicity :	LC50 >= 440 mg/l Species : Leuciscus idus Duration of exposure : 96 h

Crustacean toxicity : EC50 = 120 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

SODIUM BENZOATE (CAS: 532-32-1)

Biodegradability : Rapidly degradable.

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

Chemical oxygen demand : DCO = 665

Five-day biochemical oxygen demand : DBO5 = 575

Biodegradability : Rapidly degradable.
BOD5/COD = 0.86

12.3. Bioaccumulative potential

12.3.1. Substances

SODIUM BENZOATE (CAS: 532-32-1)

Octanol/water partition coefficient : log K_{ow} = -2.27

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

Octanol/water partition coefficient : log K_{ow} ≤ -1.8

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

12.7. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

14.4. Packing group

-

14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Maritime transport in bulk according to IMO instruments

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SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2023/707.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2024/197. (ATP 21)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

Labelling for cosmetic products (EC Regulation No. 1223/2009) :

- allergenic fragrances :
Benzyl Alcohol

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

Swiss ordinance on the incentive tax on volatile organic compounds :

100-51-6 Alcool benzylique

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

NOEC : The concentration with no observed effect.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.