SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

1.1. Product identifier

Product name : HPDERM GEL NETTOYANT SANS PARFUM
Product code : HOM.FE-015.

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

Soap-free cleanser for frequent washing and for sensitive skin.

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 - http://www.laphi.fr

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

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

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Skin irritation, Category 2 (Skin Irrit. 2, H315).
Serious eye damage, Category 1 (Eye Dam. 1, H318).
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

Rinse-off cosmetic mixture.

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

Hazard pictograms :



GHS05

Signal Word :
DANGER
Product identifiers :

EC 500-234-8	ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS
EC 931-329-6	AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) ALCOHOLS, C12-14(EVEN NUMBERED), ETHOXYLATED

Hazard statements :

H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

Precautionary statements - Prevention :

P273	Avoid release to the environment.

Precautionary statements - Response :

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

Precautionary statements - Disposal :

P501 Dispose of contents/container at a disposal facility in accordance with local regulations.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 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.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 68891-38-3 EC: 500-234-8 REACH: 01-2119488639-16 ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS	GHS05, GHS09 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411		10 <= x % < 25
CAS: 68155-07-7 EC: 931-329-6 REACH: 01-2119490100-53 AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)	GHS05, GHS09 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411		2.5 <= x % < 10
CAS: 1300-72-7 EC: 215-090-9 REACH: 01-2119513350-56 SODIUM XYLENESULPHONATE	GHS07 Wng Eye Irrit. 2, H319		2.5 <= x % < 10
ALCOHOLS, C12-14(EVEN NUMBERED), ETHOXYLATED	GHS05, GHS09 Dgr Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 1		2.5 <= x % < 10

Information on ingredients :

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

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 splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, 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

No data available.

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

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.
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.
Avoid eye contact with this mixture at all times.

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

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.

DNEL : 4.16 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term local effects.
DNEL : 0.09 mg of substance/cm2

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 73.4 mg of substance/m3

Final use: **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 6.25 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 2.5 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term local effects.
DNEL : 0.056 mg of substance/cm2

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 21.73 mg of substance/m3

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)
Final use: **Workers.**
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 2750 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 175 mg of substance/m3

Final use: **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 15 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 1650 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 52 mg of substance/m3

Predicted no effect concentration (PNEC):

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)
Environmental compartment: Soil.
PNEC : 0.00648 mg/kg

Environmental compartment: Fresh water.
PNEC : 2.4 µg/l

Environmental compartment: Sea water.
PNEC : 0.24 µg/l

Environmental compartment: Intermittent waste water.
PNEC : 0.024 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 0.0145 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 830 mg/l

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)
Environmental compartment: Soil.
PNEC : 0.946 mg/kg

Environmental compartment: Fresh water.
PNEC : 240 µg/l

Environmental compartment: Sea water.
PNEC : 24 µg/l

Environmental compartment: Fresh water sediment.
PNEC : 5450 µg/kg

Environmental compartment: Marine sediment.
PNEC : 545 µg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 10000000 µg/l

8.2. Exposure controls

- Eye / face protection

Avoid contact with eyes.
Provide eyewash stations in facilities where the product is handled constantly.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Fluid liquid.

Important health, safety and environmental information

pH :	6.50 .
	Neutral.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Dilutable.

9.2. Other information

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 toxicological effects

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

11.1.1. Substances

Acute toxicity :

ALCOHOLS, C12-14(EVEN NUMBERED), ETHOXYLATED

Oral route :	LD50 >= 4000 mg/kg Species : Rat
Dermal route :	LD50 > 2000 mg/kg Species : Rat

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)

Oral route :	LD50 > 5000 mg/kg Species : Rat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 2000 mg/kg Species : Rabbit

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

Oral route :	LD50 = 4100 mg/kg Species : Rat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 2000 mg/kg Species : Rat OECD Guideline 402 (Acute Dermal Toxicity)

11.1.2. Mixture

No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)

Fish toxicity :	LC50 = 2.4 mg/l Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test) NOEC = 0.32 mg/l Duration of exposure : 28 days OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
Crustacean toxicity :	EC50 = 3.2 mg/l Species : Daphnia magna Duration of exposure : 48 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) NOEC = 0.07 mg/l Species : Daphnia magna Duration of exposure : 21 days OECD Guideline 211 (Daphnia magna Reproduction Test)

Algae toxicity : ECr50 = 18.6 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h
REACH Method C.3 (Algal Inhibition test)

NOEC = 0.3 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)
Fish toxicity : LC50 = 7.1 mg/l
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC = 1 mg/l
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 7.2 mg/l
Duration of exposure : 48 h

NOEC = 0.27 mg/l
OECD Guideline 211 (Daphnia magna Reproduction Test)

Algae toxicity : ECr50 = 27.7 mg/l
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 0.95 mg/l
OECD Guideline 201 (Alga, Growth Inhibition Test)

ALCOHOLS, C12-14(EVEN NUMBERED), ETHOXYLATED
Fish toxicity : LC50 >= 0.65 mg/l
Factor M = 1
Duration of exposure : 96 h

Crustacean toxicity : EC50 >= 0.67 mg/l
Duration of exposure : 48 h

Algae toxicity : ECr50 >= 0.64 mg/l
Duration of exposure : 72 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

ALCOHOLS, C12-14(EVEN NUMBERED), ETHOXYLATED
Biodegradability : Rapidly degradable.

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)
Biodegradability : Rapidly degradable.

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

12.3.1. Substances

ALCOHOLS, C12-14(EVEN NUMBERED), ETHOXYLATED
Octanol/water partition coefficient : log Koe >= 3.95

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, VwVwS vom 27/07/2005, KBws) :

WGK 2 : 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, preferably 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.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

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:

- Container information:

No data available.

- Particular provisions :

No data available.

- German regulations concerning the classification of hazards for water (WGK, VwVwS vom 27/07/2005, KBws) :

WGK 2 : Hazardous for water.

- Swiss ordinance on the incentive tax on volatile organic compounds :

67-56-1 méthanol (alcool méthylique)

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 :

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations :

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DNEL : Derived No-Effect Level
PNEC : Predicted No-Effect Concentration
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 : Wassergefahrdungsklasse (Water Hazard Class).
GHS05 : Corrosion
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.

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