

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Name of product: PRODERM ECZEMA/HUD

Code of product: PE-75

Supplier: Ponsus Pharma AB, Brovägen 9, 182 76 Stockholm, Sweden

In emergency - call + 46 8 514 818 00 for further information about the product.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS-no.
Stearic acid	67701-03-5
Propylene glycol	57-55-6
Polyvinylpyrrolidone	9003-39-8
Glycerin	56-81-5
Polysorbate 20	9005-64-5
Trietanolamine	102-71-6
Dimethicone	63148-62-9

Phenonip:

1. 2-fenoxietanol	122-99-6
2. Metylparaben	99-76-3
3. Butylparaben	94-26-8
4. Propylparaben	94-13-3
5. Etylparaben	120-47-8
6. Isobutyl paraben	4247-02-3

3. HAZARDS IDENTIFICATION

The container is a fire hazard at temperatures above +50° C. Otherwise there are no known hazards.

4. FIRST-AID MEASURES

Inhalation:	Fresh air and rest
Skin contact:	without known risks
Contact with eyes:	without known risks, but rinse with water
Ingestion:	without known risks

5. FIRE-FIGHTING MEASURES

Extinguishing media

Extinguish with water/powder/carbon dioxide/foam

Fire and explosion hazards

Must not be exposed to direct sunlight or temperatures exceeding + 50° C. Do not puncture or incinerate aerosol cans, not even if the container is empty. Do not spray in the direction of open flame or red-hot material.

Other information

Containers near fire must be moved and/or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

Use suitable absorption-compound for later destruction according to the local rules.

7. HANDLING AND STORAGE

Handling: To be kept dry in normal temperature.

Storage: Expire date not less than 36 months. Needs to be agitated before use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No limitations

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	+ 100° C.
Flammability:	contains propellant propane/butane
Explosive limits:	pressurised container, do not expose over +50° C .
Density:	1,01 g/cm 3

10. STABILITY AND REACTIVITY

Stable – Non reactive

11. TOXICOLOGICAL INFORMATION

Stearic acid	LD 50 oral, rat: > 2 g/kg Skin irritation test, rabbit: no irritation Eye irritation test, rabbit: no irritation
Propylene glycol	LD 50 oral, rat: 21 - 34 g/kg
Polyvinylpyrrolidone	LD 50 oral, rat > 100 g/kg
Glycerin	LD 50 oral, rat: 17000 - 27200 mg/kg LD 50 dermal, rabbit: > 10000 mg/kg
Polysorbate 20	LD 50, 16 g/kg
Trietanolamin	LD50 oral, rat: >4000 mg/kg A few cases of contact allergy are reported
Dimethicone	LD 50 oral, rat: > 5000 mg/kg Skin irritation test, rabbit: no irritation Skin irritation test, rabbit: no irritation
Phenonip E 214-216-218	LD 50 < 2000 mg/kg Not irritating for skin, eyes and mucous membrane at used concentration

12. ECOLOGICAL INFORMATION

Stearic acid	<i>Biological Degradability:</i> Biological degradability: >60%. (BOD30/COD) OECD 301D Ecotoxic effects: Acute fish toxicity: EC ₀ : > 100 mg/l (OECD 203) Acute bacteria toxicity: EC ₀ : > 100 mg/l
Propylene glycol	<i>Biological degradability:</i> BOD ₂₀ / ThOD: 86% <i>Ecotoxic effects: Acute toxicity</i> LC ₅₀ fish: 4660 – 54900 mg/l Pimephales promelas EC ₅₀ (Daphnia): 5850 – 34400 mg/l <i>Biological accumulation:</i> log Pow: <0
Polyvinylpyrrolidone	<i>Biological degradability:</i> Low
Glycerin	<i>Biological degradability:</i> BOD ₅ / COD: 0,62 – 0,7 BOD ₂₀ / ThOD: 82% <i>Ecotoxic effects:</i> LC ₅₀ 96h (fish): >100 mg/l Pimephales promelas > 5000 mg/l goldfish <i>Biological accumulation:</i> log Pow: -2,66 -2,47 (calculated)
Trietanolamine	<i>Biological degradability:</i> OECD-test: 301A: 97% (28 d) 301B: 91% (42 d) 301E: 96% (19 d)

Ecotoxicity: Acute toxicity:

LC ₅₀ 96h (fish):	1800 mg/l <i>Piemphales promalas</i> 7900 mg/l <i>Lepomis macrochirus</i>
EC ₅₀ 48h (Daphnia):	>2500 mg/l
EC ₅₀ 24h (Daphnia):	1390 – 2038 mg/l
IC ₅₀ 72h (algae):	216 mg/l <i>Scenedesmus subspicatus</i>
IC ₅₀ 48h (algae):	470 – 750 mg/l <i>Scenedesmus subspicatus</i>

Biological accumulation:

BCF: <10 fish (counted) Log Pow: -1,7

Phenonip E 214-216-218 At the extremely diluted proportions in the wastewater
Phenonip is biodegradable and make no harm to the nature

Acute toxicity

LD50 oral, rat: 16 g/kg

Ingestion may cause diarrhoea.

13. DISPOSAL CONSIDERATIONS

Connected to Repa-reg

14. TRANSPORT INFORMATION

RID/RID-S, ADR/ADR-S (land):

Class: 2

IMDG (sea):

Class: 9

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EmS no.: 2-13

MFAG No.: 4.2

Marine pollutant: no

IATA / DGR (air):

Class: 2.2

UN/FN-No.: 1950

Packing instruction: Y203

15. REGULATORY INFORMATION

According to point 9,11

16. OTHER INFORMATION

Proderm Eczema/Hud treats and prevents eczema by reinforcing the skin's natural resistance. It enables the skin to recover from symptoms of the disorder such as itching, redness and chapped skin whilst increasing the speed of healing. Proderm Eczema/Hud is quickly absorbed, leaving your skin smooth and without any stickiness.