

PRODERM CHIFFONNETTES MECANICIEN

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 : PRODERM CHIFFONNETTES MECANICIEN

Product code : 301023

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

N/A

1.3. Details of the supplier of the safety data sheet

IPC - 10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44 - Fax : +33 (0)2.98.44.22.53

ipc@groupe-ipc.com

1.4. Emergency telephone number : 01 45 42 59 59.

Association/Organisation : INRS.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

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

2.2. Label elements

Detergent mixture (see section 15).

Non-rinse-off cosmetic mixture.

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

Hazard pictograms :



GHS02

Signal Word :

WARNING

Hazard statements :

H226

Flammable liquid and vapour.

Precautionary statements - Prevention :

P210

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

Precautionary statements - Storage :

P403 + P235

Store in a well-ventilated place. Keep cool.

Precautionary statements - Disposal :

P501

Dispose of contents/container to ...

PRODERM CHIFFONNETTES MECANICIEN**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	%
INDEX: 603_002_00_5 CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319	[i]	2.5 \leq x % < 10
BIOETHANOL INDEX: 603_117_00_0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25-XXXX	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[i]	0 \leq x % < 2.5
PROPAN-2-OL INDEX: 009 CAS: 68439-57-6 EC: 270-407-8 REACH: 01-2119513401-57	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318		0 \leq x % < 2.5
SODIUM C14-C16 OLEFINE SULFONATE INDEX: 603_057_00_5 CAS: 100-51-6 EC: 202-859-9 REACH: 01-2119492630	GHS07 Wng Acute Tox. 4, H302 Eye Irrit. 2, H319 Acute Tox. 4, H332		0 \leq x % < 2.5
BENZYL ALCOHOL INDEX: 603_085_00_8 CAS: 52-51-7 EC: 200-143-0	GHS06, GHS05, GHS09 Dgr Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT SE 3, H335 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 10		0 \leq x % < 2.5
BRONOPOL (INN) INDEX: 9016 CAS: 56-81-5 EC: 200-289-5		[i]	0 \leq x % < 2.5
GLYCEROL INDEX: 760_1 CAS: 76-22-2 EC: 200-945-0	GHS07, GHS05, GHS09, GHS08, GHS02 Dgr Flam. Sol. 2, H228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 2, H371 Aquatic Chronic 2, H411	[i]	0 \leq x % < 2.5
BORNAN-2-ONE			

PRODERM CHIFFONNETTES MECANICIEN

INDEX: 782 4 CAS: 76-22-2 EC: 200-945-0 BORNAN-2-ONE	GHS07, GHS05, GHS08, GHS02 Dgr Flam. Sol. 1, H228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 2, H371	[i]	0 <= x % < 2.5
INDEX: 001 CAS: 101-84-8 EC: 202-981-2 OXYDE DE PHENYLE	GHS07, GHS09 Wng Eye Irrit. 2, H319 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1	[i]	0 <= x % < 2.5
INDEX: 650-002-00-6 CAS: 8006-64-2 EC: 232-350-7 TURPENTINE, OIL	GHS02, GHS08, GHS07, GHS09 Dgr Flam. Liq. 3, H226 Acute Tox. 4, H332 Acute Tox. 4, H312 Acute Tox. 4, H302 Asp. Tox. 1, H304 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	[i]	0 <= x % < 2.5

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 603_117_00_0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25-XXXX PROPAN-2-OL		dermal: ATE = 13900 mg/kg BW oral: ATE = 5840 mg/kg BW
INDEX: 009 CAS: 68439-57-6 EC: 270-407-8 REACH: 01-2119513401-57 SODIUM C14-C16 OLEFINE SULFONATE	Eye Dam. 1: H318 C>= 40% Eye Irrit. 2: H319 20% <= C < 40%	
INDEX: 603_057_00_5 CAS: 100-51-6 EC: 202-859-9 REACH: 01-2119492630 BENZYL ALCOHOL		oral: ATE = 1620 mg/kg BW
INDEX: 9016 CAS: 56-81-5 EC: 200-289-5 GLYCEROL		oral: ATE = 12600 mg/kg BW
INDEX: 001 CAS: 101-84-8 EC: 202-981-2 OXYDE DE PHENYLE		oral: ATE = 2830 mg/kg BW

Information on ingredients :

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

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

PRODERM CHIFFONNETTES MECANICIEN**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 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

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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

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.

PRODERM CHIFFONNETTES MECANICIEN**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

Always wash hands after handling.

Fire prevention :

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged: always ground when decanting. Wear antistatic shoes and clothing and make floors of non-conductive

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

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 the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

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 :**

- European Union :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
101-84-8	7	1	14	2	-

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1920 mg/m3				
67-63-0	400 ppm 999 mg/m3	500 ppm 1250 mg/m3			
56-81-5	10 mg/m3				
76-22-2	2 ppm 13 mg/m3	3 ppm 19 mg/m3			

PRODERM CHIFFONNETTES MECANICIEN

76-22-2	2 ppm 13 mg/m3	3 ppm 19 mg/m3			
101-84-8	1 ppm 7 mg/m3	2 ppm 14 mg/m3			
8006-64-2	100 ppm 566 mg/m3	150 ppm 850 mg/m3			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):**BENZYL ALCOHOL (CAS: 100-51-6)****Final use:**

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Long term systemic effects.
8 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Short term systemic effects.
40 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
22 mg of substance/m3

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Short term systemic effects.
110 mg of substance/m3

PROPAN-2-OL (CAS: 67-63-0)**Final use:**

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Long term systemic effects.
888 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
500 mg of substance/m3

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Ingestion.
Long term systemic effects.
26 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Long term systemic effects.
319 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
89 mg of substance/m3

BIOETHANOL (CAS: 64-17-5)**Final use:**

Exposure method:
Potential health effects:
DNEL :

Consumers.

Ingestion.
Long term systemic effects.
87 mg/kg body weight/day

Exposure method:

Dermal contact.

PRODERM CHIFFONNETTES MECANICIEN

Potential health effects: DNEL :	Long term systemic effects. 206 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 114 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Short term local effects. 950 mg of substance/m3

Predicted no effect concentration (PNEC):**BENZYL ALCOHOL (CAS: 100-51-6)**

Environmental compartment: PNEC :	Soil. 0.456 mg/kg
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Environmental compartment: PNEC :	Fresh water. 1 mg/l
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Environmental compartment: PNEC :	Sea water. 0.1 mg/l
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Environmental compartment: PNEC :	Fresh water sediment. 5.27 mg/kg
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Environmental compartment: PNEC :	Marine sediment. 0.527 mg/kg
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PROPAN-2-OL (CAS: 67-63-0)

Environmental compartment: PNEC :	Soil. 28 mg/kg
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Environmental compartment: PNEC :	Fresh water. 140.9 mg/l
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Environmental compartment: PNEC :	Sea water. 140.9 mg/l
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Environmental compartment: PNEC :	Intermittent waste water. 140.9 mg/l
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Environmental compartment: PNEC :	Fresh water sediment. 552 mg/kg
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Environmental compartment: PNEC :	Waste water treatment plant. 2251 mg/l
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BIOETHANOL (CAS: 64-17-5)

Environmental compartment: PNEC :	Fresh water. 0.96 mg/l
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Environmental compartment: PNEC :	Sea water. 0.79 mg/l
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Environmental compartment:	Intermittent waste water.
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PRODERM CHIFFONNETTES MECANICIEN

PNEC :	2.75 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 3.6 mg/kg
Environmental compartment: PNEC :	Marine sediment. 2.9 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 0.63 mg/kg

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard ISO 16321.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****Physical state**

Physical state : Fluid liquid.

N/A

Colour

Unspecified

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

> Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

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

:

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

:

Flash point

Flash Point : 48.00 °C.

PRODERM CHIFFONNETTES MECANICIEN**Auto-ignition temperature**

Self-ignition temperature : Not specified.

|> Decomposition temperature

Decomposition point/decomposition range : Not specified.

|> pH

pH : 7.50 +/-1.

Neutral.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Dilutable.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

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

Vapour pressure

Vapour pressure (50°C) : Not relevant.

Density and/or relative density

Density : 1.00

Relative vapour density

Vapour density : Not stated.

|> 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

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces
- frost

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

PRODERM CHIFFONNETTES MECANICIEN

- carbon dioxide (CO2)

>SECTION 11 : TOXICOLOGICAL INFORMATION

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

11.1.1. Substances

a) Acute toxicity :

OXYDE DE PHENYLE (CAS: 101-84-8)

Oral route : LD50 = 2830 mg/kg body weight

GLYCEROL (CAS: 56-81-5)

Oral route : LD50 = 12600 mg/kg body weight
Species : Rat

Dermal route : LD50 > 10000 mg/kg body weight
Species : Rabbit

BENZYL ALCOHOL (CAS: 100-51-6)

Oral route : LD50 = 1620 mg/kg body weight
Species : Rat

Dermal route : LD50 > 2000 mg/kg body weight
Species : Rabbit

Inhalation route (Dusts/mist) : LC50 > 4.178 mg/l
Species : Rat
Duration of exposure : 4 h

PROPAN-2-OL (CAS: 67-63-0)

Oral route : LD50 = 5840 mg/kg body weight
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 = 13900 mg/kg body weight
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Dusts/mist) : LC50 > 25 mg/l
Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)

b) Skin corrosion/skin irritation :

No data available.

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

PROPAN-2-OL (CAS: 67-63-0)

Local lymph node stimulation test : Non-Sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

e) Germ cell mutagenicity :

PROPAN-2-OL (CAS: 67-63-0)

Mutagenesis (in vivo) : Negative.
Species : Mouse

PRODERM CHIFFONNETTES MECANICIEN

Mutagenesis (in vitro) :

OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Negative.

Species : Bacteria

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

f) Carcinogenicity :

PROPAN-2-OL (CAS: 67-63-0)

Carcinogenicity Test :

Negative.

No carcinogenic effect.

Species : Mouse

OECD Guideline 451 (Carcinogenicity Studies)

g) Reproductive toxicant :

PROPAN-2-OL (CAS: 67-63-0)

No toxic effect for reproduction

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

|> 11.1.2. Mixture**11.1.2.1 Information on hazard classes****|> a) Acute toxicity :**

Oral route :

No data available.

No data available.

Dermal route :

No data available.

Inhalation route (Dusts/mist) :

b) Skin corrosion/skin irritation :

No data available.

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2.2 Other information**11.2. Information on other hazards****|> Endocrine disrupting properties**

PRODERM CHIFFONNETTES MECANICIEN

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

>SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances****GLYCEROL (CAS: 56-81-5)**

Fish toxicity :

LC50 = 54000 mg/l

Species : *Oncorhynchus mykiss*

Duration of exposure : 96 h

Crustacean toxicity :

EC50 > 10000 mg/l

Species : *Daphnia magna*

Duration of exposure : 24 h

BRONOPOL (INN) (CAS: 52-51-7)

Fish toxicity :

0.01 < LC50 <= 0.1 mg/l

Factor M = 10

Duration of exposure : 96 h

BENZYL ALCOHOL (CAS: 100-51-6)

Fish toxicity :

LC50 = 460 mg/l

Species : *Pimephales promelas*

Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 230 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

NOEC = 51 mg/l

Species : *Daphnia magna*

Algae toxicity :

ECr50 = 770 mg/l

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 72 h

NOEC = 310 mg/l

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 72 h

PROPAN-2-OL (CAS: 67-63-0)

Fish toxicity :

LC50 = 9640 mg/l

Species : *Pimephales promelas*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 9714 mg/l

Species : *Daphnia magna*

Duration of exposure : 24 h

OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 > 100 mg/l

Species : *Raphidocelis subcapitata*

Duration of exposure : 72 h

PRODERM CHIFFONNETTES MECANICIEN**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**

GLYCEROL (CAS: 56-81-5)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

BRONOPOL (INN) (CAS: 52-51-7)

Biodegradability :

Rapidly degradable.

BENZYL ALCOHOL (CAS: 100-51-6)

Five-day biochemical oxygen demand :

DBO5 = 1.6 g/g

Biodegradability :

Rapidly degradable.

PROPAN-2-OL (CAS: 67-63-0)

Chemical oxygen demand :

DCO = 2.294 g/g

Five-day biochemical oxygen demand :

DBO5 = 1.171 g/g

Biodegradability :

Rapidly degradable.
BOD5/COD = 0.51

12.3. Bioaccumulative potential**12.3.1. Substances**

BENZYL ALCOHOL (CAS: 100-51-6)

Octanol/water partition coefficient :

log K_{ow} = 1.1

PROPAN-2-OL (CAS: 67-63-0)

Octanol/water partition coefficient :

log K_{ow} = 0.05
OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

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.

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.

PRODERM CHIFFONNETTES MECANICIEN**Soiled packaging :**

Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

>SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2023 - IMDG 2022 [41-22] - ICAO/IATA 2024 [65]).

14.1. UN number or ID number

3175

14.2. UN proper shipping name

UN3175=SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S.
having a flash-point up to 60 °C
(bioethanol, propan-2-ol)

14.3. Transport hazard class(es)

- Classification :



4.1

14.4. Packing group

II

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	4.1	F1	II	4.1	40	1 kg	216 274 601	E2	2	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	4.1	-	II	1 kg	F-A. S-I	216 274	E2	Category B	-

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	4.1	-	II	445	15 kg	448	50 kg	A46	E2
	4.1	-	II	Y441	5 kg	-	-	A46	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

>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. 2024/2564. (ATP 22)

Container information:

No data available.

Particular provisions :

No data available.

PRODERM CHIFFONNETTES MECANICIEN**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>.

> Authorisations agreed under Title VII of Regulation (EC) No.1907/2006 (REACH):

The mixture does not contain any substance subject to authorisation according to Annex XIV of REACH Regulation (EC) No 1907/2006: <https://echa.europa.eu/fr/authorisation-list>.

> Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :

The mixture does not contain any substance posing a risk to the ozone layer.

Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):

The mixture does not contain a persistent organic pollutant.

> PIC Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (Rotterdam Convention):

The mixture is not subject to the Prior Informed Consent (PIC) procedure.

> Explosives precursors :

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

> Labelling for cosmetic products (EU Regulation No. 1223/2009 amended by EU Regulation No. 2023/1545):

- less than 5 % : anionic surfactants
- less than 5 % : non-ionic surfactants
- perfumes
- preservatives
- sodium benzoate
- allergenic fragrances :
 - Amyl Salicylate
 - Camphor
 - Carvone
 - Linalyl Acetate
 - Eucalyptus Globulus Oil
 - PogostemonCablin Oil
 - Benzyl Alcohol
 - Coumarin
 - Linalool
 - Citronellol
 - Hexyl cinnamal
 - Alpha isomethyl ionone

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 :

- | | |
|------|---|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H228 | Flammable solid. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |

PRODERM CHIFFONNETTES MECANICIEN

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H371	May cause damage to organs .
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful 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.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

NOEC : The concentration with no observed effect.

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

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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

GHS02 : Flame

IATA : International Air Transport Association.

IMDG : International Maritime Dangerous Goods.

ICAO : International Civil Aviation Organisation

PBT: Persistent, bioaccumulable and toxic.

PIC: Prior Informed Consent.

POP: Persistent Organic Pollutant.

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

SVHC : Substances of very high concern.

vPvB : Very persistent, very bioaccumulable.

WGK : Wassergefährdungsklasse (Water Hazard Class).

> Modification compared to the previous version