

BUILDING CHIFFONNETTES ANTIGRAFFITI**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 : BUILDING CHIFFONNETTES ANTIGRAFFITI

Product code : 304052

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

IPC

10 Quai Malbert, 29200, BREST, FRANCE.

Tel. : +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).

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

2.2. Label elements

Detergent mixture (see section 15).

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

Hazard pictograms :



GHS02



GHS07



GHS09

Signal Word :

WARNING

Product identifiers :

EC 227-813-5

(R)-P-MENTHA-1,8-DIENE

Hazard statements :

H226

Flammable liquid and vapour.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P210

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

P273

Avoid release to the environment.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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Precautionary statements - Response :

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P333 + P313

If skin irritation or rash occurs: Get medical advice/attention.

P391

Collect spillage.

Other information :

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 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.

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	(EC) 1272/2008	Note	%
INDEX: 603_052_00_8 CAS: 5131-66-8 EC: 225-878-4 REACH: 01-2119475527-28-XXXX PROPYLENE GLYCOL MONOBUTYL ETHER	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		10 \leq x % < 25
INDEX: 601_029_007A CAS: 5989-27-5 EC: 227-813-5 REACH: 01-2119493353-35 (R)-P-MENTHA-1,8-DIENE	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[1]	2.5 \leq x % < 10
INDEX: 603_001_00_X CAS: 67-56-1 EC: 200-659-6 REACH: 01-2119433307-44-XXXX METHANOL	GHS06, GHS08, GHS02 Dgr Flam. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 STOT SE 1, H370	[1] [XVII]	0 \leq x % < 2.5

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 603_052_00_8 CAS: 5131-66-8 EC: 225-878-4 REACH: 01-2119475527-28-XXXX PROPYLENE GLYCOL MONOBUTYL ETHER		oral: ATE = 3300 mg/kg BW
INDEX: 603_001_00_X CAS: 67-56-1 EC: 200-659-6 REACH: 01-2119433307-44-XXXX METHANOL	STOT SE 1 (Oral) : H370 C \geq 10% STOT SE 2: H371 1% \leq C < 10% STOT SE 1 (Inh) : H370 C \geq 10% STOT SE 2: H371 1% \leq C < 10%	

Information on ingredients :

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

[XVII] Restricted substance under Regulation (EC) No. 1907/2006 (REACH), Annex XVII.

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[1] 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 splashes or contact with eyes :**

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

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

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

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

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.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show 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)

BUILDING CHIFFONNETTES ANTIGRAFFITI**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 non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

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.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

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.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Remove contaminated clothing and protective equipment before entering eating areas.

Fire prevention :

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

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.

Avoid skin and eye contact with this mixture.

Packages which have been opened must be reclosed carefully and stored in an upright position.

BUILDING CHIFFONNETTES ANTIGRAFFITI**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.
Never open the packages under pressure.

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.
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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 (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m ³	VME-ppm :	VLE-mg/m ³ :	VLE-ppm :	Notes :
67-56-1	260	200	-	-	Peau

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-56-1	200 ppm	250 ppm		Skin; BEI	

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

CAS	VME :	VME :	Excess	Notes
5989-27-5		5 ppm 28 mg/m ³		4(II)
67-56-1		200 ppm 270 mg/m ³		4(II)

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

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
67-56-1	200	260	1000	1300	(12)	84

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-56-1	200 ppm 266 mg/m ³	250 ppm 333 mg/m ³		Sk	

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

METHANOL (CAS: 67-56-1)

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:

Workers.

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

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

Inhalation.
Long term systemic effects.

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DNEL : 260 mg of substance/m³

Exposure method: Inhalation.
 Potential health effects: Short term systemic effects.
 DNEL : 260 mg of substance/m³

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Final use: Workers.

Exposure method: Dermal contact.
 Potential health effects: Long term systemic effects.
 DNEL : 44 mg/kg body weight/day

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.
 DNEL : 270.5 mg of substance/l

Final use: Consumers.

Exposure method: Ingestion.
 Potential health effects: Long term systemic effects.
 DNEL : 8.75 mg/kg body weight/day

Exposure method: Dermal contact.
 Potential health effects: Long term systemic effects.
 DNEL : 16 mg/kg body weight/day

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.
 DNEL : 33.8 mg of substance/m³

Predicted no effect concentration (PNEC):**METHANOL (CAS: 67-56-1)**

Environmental compartment: Soil.
 PNEC : 3.18 mg/kg

Environmental compartment: Fresh water.
 PNEC : 20.8 mg/l

Environmental compartment: Sea water.
 PNEC : 2.8 mg/l

Environmental compartment: Intermittent waste water.
 PNEC : 154 mg/l

Environmental compartment: Fresh water sediment.
 PNEC : 77 mg/l

Environmental compartment: Marine sediment.
 PNEC : 7.6

Environmental compartment: Waste water treatment plant.
 PNEC : 100 mg/l

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Environmental compartment: Soil.

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PNEC :	0.16 mg/l
Environmental compartment: PNEC :	Fresh water. 0.525 mg/l
Environmental compartment: PNEC :	Sea water. 0.0525 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 5.25 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 2.36 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.236 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 10 mg/l

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

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



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 with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

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In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

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 Interval : 23°C <= FP <= 55°C

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : Not relevant.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Partially soluble.

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 : 1.05

Relative vapour density

Vapour density : Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

BUILDING CHIFFONNETTES ANTIGRAFFITI**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

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

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

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**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

11.1.1. Substances**Acute toxicity :**

METHANOL (CAS: 67-56-1)

Oral route :

50 < LD50 <= 200 mg/kg

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

400 < LD50 <= 1000 mg/kg

Species : Rabbit

Inhalation route (Vapours) :

2 < LC50 <= 10 mg/l

Duration of exposure : 4 h

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PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Oral route : LD50 = 3300 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

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

Inhalation route (Vapours) : LC50 3.5

Skin corrosion/skin irritation :

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Respiratory or skin sensitisation :

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Buehler Test : Non-sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity :

METHANOL (CAS: 67-56-1)

Mutagenesis (in vivo) : Negative.
Species : Others

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards**SECTION 12 : ECOLOGICAL INFORMATION**

Toxic 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**

METHANOL (CAS: 67-56-1)

Fish toxicity : LC50 > 15400 mg/l
Species : Lepomis macrochirus
Duration of exposure : 96 h

NOEC = 7900 mg/l
Duration of exposure : 7 days

Crustacean toxicity : EC50 > 10000 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 22000 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 96 h

(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)

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Fish toxicity : LC50 < 1 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 < 1 mg/l
Duration of exposure : 48 h

Algae toxicity : ECr50 < 1 mg/l
Duration of exposure : 72 h

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Fish toxicity : LC50 > 560 mg/l
Species : *Poecilia reticulata*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 > 1000 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity : ECr50 > 1000 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 96 h

NOEC = 560 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 96 h

Aquatic plant toxicity : Duration of exposure : 96 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances****METHANOL (CAS: 67-56-1)**

Biodegradability : Rapidly degradable.

(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)

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

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential**12.3.1. Substances****METHANOL (CAS: 67-56-1)**

Octanol/water partition coefficient : log K_{ow} = -0.77

Bioaccumulation : BCF < 10

PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)

Octanol/water partition coefficient : log K_{ow} = 1.1

BUILDING CHIFFONNETTES ANTIGRAFFITI**12.4. Mobility in soil**

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

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, 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

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 [40-20] - ICAO/IATA 2022 [63]).

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

((r)-p-mentha-1,8-diene, propylene glycol monobutyl ether)

14.3. Transport hazard class(es)

- Classification :



4.1

14.4. Packing group

II

14.5. Environmental hazards

- Environmentally hazardous material :

**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

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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.

Marine pollutant (IMDG 3.1.2.9):((r)-p-mentha-1,8-diene)

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. 2022/692 (ATP 18)

- Container information:

No data available.

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

The mixture contains at least one restricted substance under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): <https://echa.europa.eu/substances-restricted-under-reach>. Please refer to Section 3 to identify the substance involved.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : non-ionic surfactants
- perfumes
- allergenic fragrances :
(r)-p-mentha-1,8-diene

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.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H370	Causes damage to organs .

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H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations :

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
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).
GHS02 : Flame
GHS07 : Exclamation mark
GHS09 : Environment
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.