



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 : PARBATT'

Product description : Cleaner for inflatable boat and fender

UFI : M5N0-H0F6-2005-M2GD

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

Registered company name : MATT CHEM PRODUCT SAS

Address : 37, RUE DE FONTENAY 92220 BAGNEUX FRANCE

Telephone : +33 (0)1 42 53 73 73 - Fax : +33 (0)1 47 35 27 28

Email : info@matchem.fr

Urgences antipoison (24h/24, 7j/7, grand public et professionnels de santé) : 03 83 22 50 50. Urgence vitale, faire le 15

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

Association/Organisation : FRANCE : ORPHILA - INRS - <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).

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

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

Detergent mixture (see section 15).

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

Hazard pictograms :



GHS07

Signal Word :

WARNING

Hazard statements :

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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 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_014_00_0 CAS: 111-76-2 EC: 203-905-0 REACH: 01-2119475108-36 2-BUTOXYETHANOL	GHS07 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	[1]	2.5 \leq x % < 10
INDEX: 034 590 94 8 CAS: 34590-94-8		[1]	2.5 \leq x % < 10

EC: 252-104-2 REACH: 01-2119450011-60			
METHYL ETHER OF DIPROPYLENE GLYCOL			
INDEX: 603_052_00_8 CAS: 5131-66-8 EC: 225-878-4 REACH: 01-2119475527-28	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		2.5 <= x % < 10
PROPYLENE GLYCOL MONOBUTYL ETHER			

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 603_014_00_0 CAS: 111-76-2 EC: 203-905-0 REACH: 01-2119475108-36		oral: ATE = 1746 mg/kg BW
2-BUTOXYETHANOL		
INDEX: 603_052_00_8 CAS: 5131-66-8 EC: 225-878-4 REACH: 01-2119475527-28		oral: ATE = 3300 mg/kg BW
PROPYLENE GLYCOL MONOBUTYL ETHER		

Information on ingredients :

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

[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.

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

Non-flammable.

5.1. Extinguishing media Suitable methods of extinction In the event of a fire, use :

- sprayed water or water mist

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

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 non first aid worker

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.

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. To rinse with clear water.

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.

Remove and wash contaminated clothing before re-using.

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

Fire prevention :

Handle in well-ventilated areas.

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.

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.

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

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 :
111-76-2	98	20	246	50	Peau
34590-94-8	308	50	-	-	Peau

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
111-76-2	20 ppm			A3; BEI	
34590-94-8	100 ppm	150 ppm		Skin	

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

CAS	VME :	Excess	Notes
111-76-2	10 ppm 49 mg/m ³		2(l)
34590-94-8	50 ppm 310 mg/m ³		1(l)

- 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 :
111-76-2	10	49	50	246	*	84
34590-94-8	50	308	-	-	*	84

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
111-76-2	25 ppm 123 mg/m ³	50 ppm 246 mg/m ³		Sk. BMGV	
34590-94-8	50 ppm 308 mg/m ³			Sk	

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

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

Final use:

Workers.

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 52 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 147 mg of substance/m3

Final use: Consumers.
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 12.5 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 22 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 43 mg of substance/m3

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)

Final use: Workers.
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 50.6 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term local effects.
DNEL : 553.5 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 369 mg of substance/m3

Final use: Consumers.
Exposure method: Ingestion.
Potential health effects: Short term systemic effects.
DNEL : 3.3 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 18.1 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 43.9 mg of substance/m3

2-BUTOXYETHANOL (CAS: 111-76-2)

Final use: Workers.
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 75 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Short term systemic effects.
DNEL : 89 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL : 663 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 98 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Short term local effects.

DNEL : 246 mg of substance/m³

Final use: Consumers.
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 3.2 mg/kg body weight/day

Exposure method: Ingestion.
Potential health effects: Short term systemic effects.
DNEL : 13.4 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 38 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Short term systemic effects.
DNEL : 44.5 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL : 426 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Short term local effects.
DNEL : 123 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 49 mg of substance/m³

Predicted no effect concentration (PNEC):
PROPYLENE GLYCOL MONOBUTYL ETHER (CAS: 5131-66-8)
Environmental compartment: Soil.
PNEC : 0.16 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.525 mg/l

Environmental compartment: Sea water.
PNEC : 0.0525 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 5.25 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 2.36 mg/kg

Environmental compartment: Marine sediment.
PNEC : 0.236 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 10 mg/l

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)
Environmental compartment: Soil.
PNEC : 4.59 mg/kg

Environmental compartment: Fresh water.
PNEC : 10 mg/l

Environmental compartment: Sea water.
PNEC : 1 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 100 mg/l

Environmental compartment: Fresh water sediment.

PNEC :	52.3 mg/kg
Environmental compartment: PNEC :	Marine sediment. 5.2 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 100 mg/l
2-BUTOXYETHANOL (CAS: 111-76-2)	
Environmental compartment: PNEC :	Fresh water. 8.8 mg/l
Environmental compartment: PNEC :	Sea water. 0.88 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 9.1 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 34.6 mg/kg
Environmental compartment: PNEC :	Marine sediment. 3.46 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 463 mg/l
Environmental compartment: PNEC :	Salt water predators (oral). 200 mg/kg

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

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

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 :

- Butyl Rubber (Isobutylene-isoprene copolymer)

- 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.

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.

Suitable type of protective boots :

In the event of minor spatter, wear protective boots or half-boots against chemical risks in accordance with standard EN13832-2.

In the event of prolonged contact, wear boots or half-boots with liquid-chemical-resistant and waterproof soles and uppers in accordance with standard EN13832-3.

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.

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 : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : 9.50 .

Slightly basic.

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 : 0.980 - 0.995

Relative vapour density

Vapour density : Not stated.

9.2. Other information

Superficial tension : à 5 % = 32,4 dyne/cm

% VOC : 17 %

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

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

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

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.

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

11.1.1. Substances Acute toxicity :

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 (n/a) : LC50 > 3.4 mg/l
Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)

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

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

2-BUTOXYETHANOL (CAS: 111-76-2)

Oral route : LD50 = 1746 mg/kg
Species : Rat

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

Skin corrosion/skin irritation :

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)

Corrosivity : No observed effect.
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Respiratory or skin sensitisation :

2-BUTOXYETHANOL (CAS: 111-76-2)

Local lymph node stimulation test : Non-Sensitiser.
Species : Others

Germ cell mutagenicity :

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

No mutagenic effect.

Carcinogenicity :

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

Carcinogenicity Test : Negative.
No carcinogenic effect.

Reproductive toxicant :

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

No toxic effect for reproduction

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

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 : 72 h

Aquatic plant toxicity : ECr50 > 1000 mg/l
Duration of exposure : 96 h

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)

Fish toxicity : LC50 > 1000 mg/l
Species : *Poecilia reticulata*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 > 1919 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity : ECr50 > 969 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

2-BUTOXYETHANOL (CAS: 111-76-2)

Fish toxicity : LC50 1474 mg/l
Species : *Oncorhynchus mykiss*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC > 100 mg/l
Species : *Brachydanio rerio* Duration of exposure : 21 days

Crustacean toxicity : EC50 1550 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC = 100 mg/l Species : *Daphnia magna*
Duration of exposure : 21 days

Algae toxicity : ECr50 1840 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

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

Biodegradability : Rapidly degradable.

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)

Biodegradability : Rapidly degradable.

2-BUTOXYETHANOL (CAS: 111-76-2)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

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

Octanol/water partition coefficient : log K_{ow} = 1.2

METHYL ETHER OF DIPROPYLENE GLYCOL (CAS: 34590-94-8)

Octanol/water partition coefficient : log K_{ow} = 1.01

Bioaccumulation : BCF >= 500.

2-BUTOXYETHANOL (CAS: 111-76-2)

Octanol/water partition coefficient : log K_{ow} < 3.

Bioaccumulation : BCF < 100.

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.

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, 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.

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

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

-

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:

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>.

- Particular provisions :

No data available.

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

WGK 1 : Slightly hazardous for water.

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.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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

UFI : Unique formulation identifier.

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).

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.