

**BRUME CALICE**

## 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 : BRUME CALICE  
Product code : 20332-20333

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

Concentrated perfume composition free from alcohol.  
For industrial and professional use only.  
Use: Perfumes, cosmetics and detergents.

#### 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 : +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.

Flammable liquid, Category 3 (Flam. Liq. 3, H226).  
Eye irritation, Category 2 (Eye Irrit. 2, H319).  
May produce an allergic reaction (EUH208).  
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

#### 2.2. Label elements

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

Hazard pictograms :



GHS02



GHS07

Signal Word :

WARNING

Additional labeling :

EUH208	Contains LINALOOL. May produce an allergic reaction.
EUH208	Contains ALPHA-HEXYLCINNAMALDEHYDE. May produce an allergic reaction.
EUH208	Contains HEXYL SALICYLATE. May produce an allergic reaction.
EUH208	Contains 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE. May produce an allergic reaction.
EUH208	Contains METHYL IONONE (MIXTURE OF ISOMERS). May produce an allergic reaction.
EUH208	Contains BENZYL SALICYLATE. May produce an allergic reaction.
EUH208	Contains DL-CITRONELLOL. May produce an allergic reaction.
EUH208	Contains ISOEUGENOL. May produce an allergic reaction.

Hazard statements :

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H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H412 Harmful 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.  
P264 Wash hands thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

## 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.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

## Precautionary statements - Storage :

P403 + P235 Store in a well-ventilated place. Keep cool.

## Precautionary statements - Disposal :

P501 Dispose of the contents/container in a hazardous or special waste collection centre in accordance with local, regional, national and/or international regulations.

**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	Classification (EC) 1272/2008	Note	%
CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43-XXXX ETHYL ALCOHOL	GHS02, GHS07 Dgr Eye Irrit. 2, H319 Flam. Liq. 2, H225	[1]	60 $\leq$ x% < 70
CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60-XXXX DIPROPYLENE GLYCOL MONOMETHYL ETHER		[1]	1 $\leq$ x % < 2.5
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.1 $\leq$ x % < 1
CAS: 101-86-0 EC: 202-983-3 REACH: 01-2119533092-50-XXXX ALPHA-HEXYLCINNAMALDEHYDE	GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0.1 $\leq$ x % < 1
CAS: 6259-76-3 EC: 228-408-6 REACH: 01-2119638275-36-XXXX HEXYL SALICYLATE	GHS09, GHS07 Wng Skin Sens. 1, H317 Aquatic Chronic 1, H410 M Chronic = 1		0.1 $\leq$ x % < 1
CAS: 54464-57-2	GHS07, GHS09		0.1 $\leq$ x % < 1

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EC: 259-174-3 REACH: 01-2119489989-04-XXXX 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE	Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411		
CAS: 1335-46-2 EC: 215-635-0 REACH: 01-2119471851-35-000X METHYL IONONE (MIXTURE OF ISOMERS)	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411		0.1 <= x % < 1
CAS: 118-58-1 EC: 204-262-9 REACH: 01-2119969442-31-XXXX BENZYL SALICYLATE	GHS07 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412		0.1 <= x % < 1
CAS: 106-22-9 EC: 203-375-0 REACH: 01-2119453995-23-XXXX DL-CITRONELLOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.1 <= x % < 1
CAS: 97-54-1 EC: 202-590-7 REACH: 01-2120223682-61-XXXX ISOEUGENOL	GHS07 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335		0 >= x % < 0.01

## Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL		oral: ATE = 2790 mg/kg BW
CAS: 101-86-0 EC: 202-983-3 REACH: 01-2119533092-50-XXXX ALPHA-HEXYLCINNAMALDEHYDE		oral: ATE = 3100 mg/kg BW
CAS: 118-58-1 EC: 204-262-9 REACH: 01-2119969442-31-XXXX BENZYL SALICYLATE		oral: ATE = 2200 mg/kg BW
CAS: 106-22-9 EC: 203-375-0 REACH: 01-2119453995-23-XXXX DL-CITRONELLOL		dermal: ATE = 2650 mg/kg BW oral: ATE = 3450 mg/kg BW
CAS: 97-54-1 EC: 202-590-7 REACH: 01-2120223682-61-XXXX ISOEUGENOL	Skin Sens. 1A: H317 C>= 0.01%	dermal: ATE = 1912 mg/kg BW oral: ATE = 1500 mg/kg BW

## 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

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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 exposure by inhalation :

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

#### 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 :

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

#### 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

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

### 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 (CO<sub>2</sub>)

### 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

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

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**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.

Remove contaminated clothing and protective equipment before entering eating areas.

**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.

Avoid eye contact with this mixture.

**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.

**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/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
34590-94-8	308	50	-	-	Peau

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5		1000 ppm		A3	
34590-94-8	100 ppm	150 ppm		Skin	

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

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84
34590-94-8	50	308	-	-	*	84

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	1920 mg/m <sup>3</sup>			
34590-94-8	50 ppm	308 mg/m <sup>3</sup>		Sk	

**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 :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

**- 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.

**Colour**

Unspecified

**Odour**

Odour threshold : Not stated.

**Melting point**

Melting point/melting range : Not relevant.

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**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : Not relevant.

**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 : 23.00 °C.

Method for determining the flash point:

To be translated (XML)

**Auto-ignition temperature**

Self-ignition temperature : Not relevant.

**Decomposition temperature**

Decomposition point/decomposition range : Not relevant.

**pH**

pH (aqueous solution) : Not stated.

pH : Not relevant.

**Kinematic viscosity**

Viscosity : Not stated.

Viscosity:  $\nu < 7 \text{ mm}^2/\text{s}$  (40°C)

**Solubility**

Water solubility : Insoluble.

Fat solubility : Not stated.

**Partition coefficient n-octanol/water (log value)**

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

**Vapour pressure**

Vapour pressure (50°C) : Below 110 kPa (1.10 bar).

**Density and/or relative density**

Density : = 1

Method for determining the density :

To be translated (XML)

**Relative vapour density**

Vapour density : Not stated.

**9.2. Other information**

% VOC : 67.6522

**9.2.1. Information with regard to physical hazard classes**

No data available.

**9.2.2. Other safety characteristics**

No data available.

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### 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)
- carbon dioxide (CO<sub>2</sub>)

### SECTION 11 : TOXICOLOGICAL INFORMATION

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

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

##### 11.1.1. Substances

###### Acute toxicity :

ISOEUGENOL (CAS: 97-54-1)

Oral route :

LD50 = 1500 mg/kg bodyweight/day

Dermal route :

LD50 = 1912 mg/kg bodyweight/day

DL-CITRONELLOL (CAS: 106-22-9)

Oral route :

LD50 = 3450 mg/kg bodyweight/day

Dermal route :

LD50 = 2650 mg/kg bodyweight/day

BENZYL SALICYLATE (CAS: 118-58-1)

Oral route :

LD50 = 2200 mg/kg bodyweight/day

ALPHA-HEXYLCINNAMALDEHYDE (CAS: 101-86-0)

Oral route :

LD50 = 3100 mg/kg bodyweight/day

LINALOOL (CAS: 78-70-6)

Oral route :

LD50 = 2790 mg/kg bodyweight/day

##### 11.1.2. Mixture

###### Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

#### 11.2. Information on other hazards

##### Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 108-88-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 93-15-2 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 94-59-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.



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CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 140-11-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.  
CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

### 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

##### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 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, 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 2023 - IMDG 2020 [40-20] - ICAO/IATA 2023 [64]).

#### 14.1. UN number or ID number

1266

#### 14.2. UN proper shipping name

UN1266=PERFUMERY PRODUCTS

#### 14.3. Transport hazard class(es)

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- Classification :

3

**14.4. Packing group**

III

**14.5. Environmental hazards**

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**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5 L	163	E1	3	D/E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation	
	3	-	III	5 L	F-E. S-D	163 223 904 955	E1	Category A	-	
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	3	-	III	355	60 L	366	220 L	A3 A72	E1	
	3	-	III	Y344	10 L	-	-	A3 A72	E1	

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. 2022/692 (ATP 18)

**Container information:**

No data available.

**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>.**Explosives precursors :**

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

**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.

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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.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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.  
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.  
ATE : Acute Toxicity Estimate  
BW : Body Weight  
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  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.