



# Imazalil 50 g/L, Ipconazole 20 g/L - ME

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 2/12/2020 Date of revision: 11/17/2021 Supersedes version of: 2/12/2020 Version: 2.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Name : Imazalil 50 g/L, Ipconazole 20 g/L - ME  
Synonyms : Imazalil 50 g/L, Ipconazole 20 g/L ME (ATP 15)

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : Plant protection products  
Use of the substance/mixture : Fungicide for seed treatment

##### 1.2.2. Uses advised against

Restrictions on use : No known evidence against using

#### 1.3. Details of the supplier of the safety data sheet

Arysta LifeScience Great Britain Ltd.  
Brooklands Farm Cheltenham Road  
WR11 2LS Evesham – Worcestershire  
United Kingdom  
T +44 1386 425500  
[sds.info@upl-ltd.com](mailto:sds.info@upl-ltd.com)

#### 1.4. Emergency telephone number

Emergency number : Europe/Rest of the world (English): +44(0)1235 239670

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Carcinogenicity, Category 2 H351  
Reproductive toxicity, Category 1B H360D  
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. May damage fertility or the unborn child. Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

GHS09

Signal word (CLP) :

Danger

Contains :

ipconazole (ISO); (1RS,2SR,5RS;1RS,2SR,5SR)-2-(4-chlorobenzyl)-5-isopropyl-1-(1H-1,2,4-triazol-1-ylmethyl) cyclopentanol, imazalil (ISO), 1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole

Hazard statements (CLP) :

H351 - Suspected of causing cancer.  
H360D - May damage the unborn child.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P201 - Obtain special instructions before use.

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P202 - Do not handle until all safety precautions have been read and understood.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P391 - Collect spillage.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

### 2.3. Other hazards

Other hazards which do not result in classification : This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### Component

Ipconazole (125225-28-7)	PBT/vPvB assessment not available as chemical safety assessment not conducted
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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
imazalil (ISO), 1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole	CAS-No.: 35554-44-0 EC-No.: 252-615-0 EC Index-No.: 613-042-00-5	2.5 - 10	Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Eye Dam. 1, H318 Carc. 2, H351 Aquatic Chronic 1, H410 (M=10)
ipconazole (ISO); (1RS,2SR,5RS;1RS,2SR,5SR)-2-(4-chlorobenzyl)-5-isopropyl-1-(1H-1,2,4-triazol-1-ylmethyl) cyclopentanol	CAS-No.: 125225-28-7 EC Index-No.: 603-237-00-3	1 – 2.5	Repr. 1B, H360D Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 2, H373 Aquatic Chronic 1, H410 (M=100)

Full text of H- and EUH-statements: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Remove the victim away from contaminated area. Call a doctor. If possible show this sheet, if not available show packaging or label. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Take victim to fresh air, in a quiet place and if necessary take medical advice.
First-aid measures after skin contact	: Immediately remove contaminated clothing or footwear. Wash off with soap and plenty of water. If case of redness or irritation, call a doctor. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth out with water. Obtain medical attention. Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Suspected of causing cancer.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: For small fire: Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol-resistant foam. For large fire: Water spray. Water fog. Alcohol-resistant foam. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Carbon monoxide. Toxic vapours.
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#### 5.3. Advice for firefighters

Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Only qualified personnel equipped with suitable protective equipment may intervene.
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##### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8. For further information refer to section 8: "Exposure controls/personal protection".
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#### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Notify authorities if liquid enters sewers or public waters. Notify authorities if product enters sewers or public waters.

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### 6.3. Methods and material for containment and cleaning up

For containment	: Dam up the liquid spill. Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Take up large spills with pump or vacuum. Notify authorities if product enters sewers or public waters.
Other information	: Keep in suitable, closed containers for disposal. Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container tightly closed. Store in dry, well-ventilated area. Store locked up. Store in a well-ventilated place. Keep cool.
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### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2 Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Observe the label precautions. Ensure good ventilation of the work station.

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### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:**

Sealed safety goggles. Safety glasses

#### 8.2.2.2. Skin protection

**Skin and body protection:**

Impervious clothing

**Hand protection:**

Polyvinyl alcohol or nitrile-butyl rubber gloves. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. Before removing gloves clean them with soap and water

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Vapours or aerosols : Breathing apparatus with filter. [In case of inadequate ventilation] wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Prevent entry to sewers and public waters. Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: dark red.
Appearance	: Microemulsion.
Odour	: slight. sweet odour.
Odour threshold	: Not applicable Not applicable
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: 100 °C
Flammability	: Not applicable
Oxidising properties	: Non oxidizing.
Explosive limits	: Not applicable
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 110 °C (Test method EU A.9)
Auto-ignition temperature	: > 400 °C (Test method EU A.15)
Decomposition temperature	: Not applicable
pH	: 6 – 8
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 13.1 mPa·s (40 °C) - 24.6 mPa·s (20 °C)
Solubility	: Not applicable. Water: completely miscible
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: Not applicable
Vapour pressure	: Not applicable
Vapour pressure at 50 °C	: Not available

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Density	: Not available
Relative density	: 1.073
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: Not applicable
Relative evaporation rate (ether=1)	: Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Oxidising agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

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LD50 oral rat	> 2500 mg/kg (Test method EU B.1 (tris), (OECD 423 method))
LD50 dermal rat	> 2000 mg/kg (Test method EU B.3, (OECD 402 method))
LC50 Inhalation - Rat (Dust/Mist)	> 5.66 mg/l/4h (OECD 403 method)

#### Ipconazole (125225-28-7)

LD50 oral rat	1338 mg/kg (male) (OECD 401 method)
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### Ipconazole (125225-28-7)

LD50 oral	888 mg/kg (rat, female) (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 1.88 mg/l/4h (Dust/Mist) (OECD 403 method) (maximum attainable concentration - zero mortality)
LC50 Inhalation - Rat (Dust/Mist)	> 3.53 mg/l/4h (OECD 403 method) (maximum attainable concentration - zero mortality)
LD50, male, oral, mouse	537 mg/kg ((OECD 401 method))
LD50, female, oral, mouse	468 mg/kg ((OECD 401 method))

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 6 – 8

Additional information : Product :  
Not irritating to rabbits on cutaneous application  
(Test method EU B.4)  
(OECD 404 method)

Ipconazole :  
Not irritating to rabbits on cutaneous application

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 6 – 8

Additional information : Product :  
Not irritating to rabbits on ocular application  
(Test method EU B.5)  
(OECD 405 method)

Ipconazole :  
Not irritating to rabbits on ocular application

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
Additional information : Product :

Maximisation Test (GPMT) :  
Does not cause cutaneous sensitisation for guinea-pigs  
Ipconazole :  
Maximisation Test (GPMT) :  
Does not cause cutaneous sensitisation for guinea-pigs  
(OECD 406 method)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Additional information : Ipconazole :

In vitro tests did not show mutagenic effects  
In vivo tests did not show mutagenic effects

Carcinogenicity : Suspected of causing cancer.

### Ipconazole (125225-28-7)

Additional information	Did not show carcinogenic effects in animal experiments
Reproductive toxicity	: May damage the unborn child. (Based on available data, the classification criteria are not met)

### Ipconazole (125225-28-7)

Two generation reproduction toxicity test	:
NOAEL, rat, F1	9 - 10 mg/kg bw/day
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

### Ipconazole (125225-28-7)

STOT-repeated exposure	May cause damage to organs (eyes, skin, liver) through prolonged or repeated exposure.
NOAEL, female, oral, rat	7 mg/kg (13 weeks, Target organ(s): adrenal glands, thymus)
LOAEL, female, oral, rat	33.2 mg/kg (13 weeks, Target organ(s): adrenal glands, thymus)
NOAEL, male, oral, rat	25.9 mg/kg (13 weeks, Target organ(s): adrenal glands, thymus)

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Ipconazole (125225-28-7)	
LOAEL, male, oral, rat	52.2 mg/kg (13 weeks, Target organ(s): adrenal glands, thymus)
NOAEL, oral, Dog	< 2 mg/kg bw/day (13 weeks)
LOAEL, oral, Dog	40 mg/kg bw/day (13 weeks)
NOAEL, if inhaled, rat	30 mg/m <sup>3</sup> (28 days, Target organ(s): liver, adrenal glands, spleen)
LOAEL, if inhaled, rat	100 mg/m <sup>3</sup> (28 days, Target organ(s): liver, adrenal glands, spleen)
NOAEL, Dog	1.5 mg/kg bw/day (13 weeks, Target organ(s): eyes, liver, adrenal glands)
LOAEL, Dog	5 mg/kg bw/day (13 weeks, Target organ(s): eyes, liver, adrenal glands)
NOAEL, Dermal, rat	150 mg/kg bw/day (28 days)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.  
Not rapidly degradable

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LC50 - Fish	25 mg/l/96h (Test method EU C.1, (OECD 203 method), Oncorhynchus mykiss (Rainbow trout))
EC50 - Crustacea	40.61 mg/l/48h (Test method EU C.2, (OECD 202 method), Daphnia magna)
ErC50 algae	4.45 mg/l/96h (Test method EU C.3, (OECD 201 method), Desmodesmus subspicatus)
EbC50, algae	4.45 mg/l/72h (Test method EU C.3, (OECD 201 method), Desmodesmus subspicatus)
EC50, Earthworm	> 125 mg/kg ((OECD 222 method), Eisenia andrei)
NOEC, Earthworm	125 mg/kg ((OECD 222 method), Eisenia andrei)

Ipconazole (125225-28-7)	
LC50 - Fish	1.5 mg/l/96h ((OECD 203 method), Oncorhynchus mykiss (Rainbow trout))
LC50 fish	1.3 mg/l/96h ((OECD 203 method), Lepomis macrochirus (Bluegill))
EC50 - Crustacea	1.7 mg/l/48h ((OECD 202 method), Daphnia magna)
ErC50 algae	> 2.2 mg/l/96h ((OECD 201 method), Pseudokirchneriella subcapitata)
NOEC chronic fish	0.00044 mg/l/ 28 days ((OECD 210 method), Pimephales promelas)
NOEC chronic crustacea	0.0109 mg/l/ 21 days ((OECD 211 method), Daphnia magna)
NOEC chronic algae	0.22 mg/l/96h ((OECD 201 method), Pseudokirchneriella subcapitata)

Imazalil (35554-44-0)	
EbC50, algae	0.87 mg/l/72h (Selenastrum capricornutum)



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### 12.2. Persistence and degradability

#### Ipconazole (125225-28-7)

Persistence and degradability	Not readily biodegradable. (OECD 301B method).
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### 12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	Not applicable
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#### Ipconazole (125225-28-7)

BCF - Fish [1]	225 – 283 l/kg ((OECD 305 method), Lepomis macrochirus (Bluegill))
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Partition coefficient n-octanol/water (Log Pow)	4.28 – 4.65
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Component

Ipconazole (125225-28-7)	PBT/vPvB assessment not available as chemical safety assessment not conducted
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### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Empty remaining contents. Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
<b>14.1. UN number or ID number</b>		
UN 3082	UN 3082	UN 3082
<b>14.2. UN proper shipping name</b>		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Imazalil ; Ipconazole)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Imazalil ; Ipconazole)	Environmentally hazardous substance, liquid, n.o.s. (Imazalil ; Ipconazole)
<b>Transport document description</b>		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Imazalil ; Ipconazole), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Imazalil ; Ipconazole), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Imazalil ; Ipconazole), 9, III
<b>14.3. Transport hazard class(es)</b>		
9	9	9

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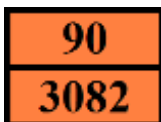
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA
<b>14.4. Packing group</b>		
III	III	III
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available		

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code : -

#### Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

#### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964

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CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197  
ERG code (IATA) : 9L

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### Directive 2012/18/EU (SEVESO III)

Seveso Additional information : E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

#### Indication of changes:

Classification according to Regulation (EC) No. 1272/2008 [CLP].

#### Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
LD50	Median lethal dose
LC50	Median lethal concentration
EC50	Median effective concentration
NOEC	No-Observed Effect Concentration
NOAEL	No-Observed Adverse Effect Level
BCF	Bioconcentration factor
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
OECD	Organisation for Economic Co-operation and Development

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### Full text of H- and EUH-statements:

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
H360D	May damage the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
Repr. 1B	Reproductive toxicity, Category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Carc. 2	H351	Calculation method
Repr. 1B	H360D	Calculation method
Aquatic Chronic 1	H410	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.