

Sitofex® 10 EC

Version 5.12 / REG_EU
Revision Date: 29.10.2025

Specification: 131785
Material no.:

Date of first issue: 26.01.2024
Print Date: 29.10.2025

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

1.1 Product identifier

Trade name : Sitofex® 10 EC

Registration number : if available listed in Chapter. 3
Unique Formula Identifier (UFI) : PJ10-907R-E00H-R46P

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

Use of the Sub-stance/Mixture : Plant growth regulator, Used in agriculture

1.3 Details of the supplier of the safety data sheet

Company : Alzchem Trostberg GmbH
Dr.-Albert-Frank-Str. 32
83308 Trostberg, Germany

Telephone : +49 8621 86-3351

E-mail address of person responsible for the SDS : alz-pst@alzchem.com

1.4 Emergency telephone number

Emergency telephone number : +49 8621 86-2776
Alzchem Trostberg GmbH, Fire Brigade

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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	H351	Suspected of causing cancer.
	H412	Harmful to aquatic life with long lasting effects.
Supplemental Hazard Statements	: EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Precautionary statements	: Prevention:	
	P201	Obtain special instructions before use.
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P233	Keep container tightly closed.
	P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
	P264	Wash hands thoroughly after handling.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response:	
	P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
	P337 + P313	If eye irritation persists: Get medical advice/ attention.
	P370 + P378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.
	P312	Call a POISON CENTER/ doctor if you feel unwell.
	Storage:	
	P403 + P235	Store in a well-ventilated place. Keep cool.
	Disposal:	
	P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

This substance/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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

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Chemical nature : Formulation of a phenylurea derivative as an emulsion concentrate

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
ethanol; ethyl alcohol	64-17-5 200-578-6 01-2119457610-43-XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319	> 60
forchlorfenuron	68157-60-8 614-346-0 613-254-00-8	Carc. 2; H351 Aquatic Chronic 2; H411	1,19

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Seek medical advice in case of symptoms caused by eye or skin contact, inhalation or swallowing.
- If inhaled : Move to fresh air.
- In case of skin contact : Remove contaminated or saturated clothing.
Wash off with plenty of water and soap.
- In case of eye contact : Open the eyes and rinse thoroughly with plenty of water.
- If swallowed : Rinse mouth.
Drink plenty of water.
Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Irritant effect on eyes and skin
Effects on the CNS are also possible after inhalation.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No specific antidote known.
Symptomatic treatment.
If necessary gastric lavage, follow-up.
If necessary, administer activated charcoal (10-20g) and sodium sulfate (Glauber salt, 20g).

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water spray, foam, CO₂, dry powder.

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5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : Carbon oxides
Traces of:
nitrous gases
hydrogen chloride (HCl)

5.3 Advice for firefighters

Special protective equipment for firefighters : In the case of fire, wear respiratory protective equipment independent of surrounding air and chemical protective suit.

Further information : Do not contaminate surface water.
Cool containers/tanks with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear personal protective equipment; see section 8.
Keep away from sources of ignition - No smoking.

6.2 Environmental precautions

Environmental precautions : Product or extinguishing water with product must not be allowed to enter soil, sewers or natural bodies of water.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with liquid-binding material, e. g.: diatomaceous earth, sand, universal binder
Sweep up and shovel.
Keep in suitable, closed containers for disposal.
Then flush with water.

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Ensure good ventilation during processing.
Advice on protection against fire and explosion : Vapours may form explosive mixtures with air. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Hygiene measures : Do not inhale vapours / aerosols. Avoid contact with skin, eyes and clothing. Take off clothing and shoes contaminated with product. Clean before reuse. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke during use. Keep away from food, drink and animal feedingstuffs.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep out of the reach of children.

Further information on storage conditions : Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid light effect, sun rays, heat effect.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

Packaging material : Suitable material: polyethylene, glass

7.3 Specific end use(s)

Specific use(s) : We are unaware of any specific end uses which go beyond the data reported in Section 1.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
ethanol; ethyl alcohol	Industrial use	Inhalation	Long-term systemic effects	950 mg/m ³
	Industrial use	Skin contact	Long-term systemic effects	343 mg/kg bw/day
	Consumer use	Inhalation	Long-term systemic effects	114 mg/m ³
	Consumer use	Skin contact	Long-term systemic effects	206 mg/kg bw/day
	Consumer use	Oral	Long-term systemic effects	87 mg/kg bw/day
	forchlorfenuron	DNEL not necessary (<10t)		

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
ethanol; ethyl alcohol	Fresh water	0,96 mg/l
	Marine water	0,79 mg/l
	Sewage treatment plant	580 mg/l
	Fresh water sediment	3,6 mg/kg dry weight (d.w.)
	Marine sediment	2,9 mg/kg dry weight (d.w.)
	Soil	0,63 mg/kg dry weight (d.w.)
	oral (secondary poisoning)	0,38 mg/kg dietary
forchlorfenuron	PNEC not necessary (<10t)	

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8.2 Exposure controls

Engineering measures

Provide washing facilities in the workplace.

Personal protective equipment

Eye/face protection : Safety glasses

Hand protection

Material : Nitrile rubber, Recommendation: Rubiflex S NB 35 S
Break through time : > 30 min
Glove thickness : 0,5 mm
Directive : DIN EN 374
Manufacturer : Kächele-Cama Latex GmbH (KCL), Germany

Material : Nitrile rubber, Recommendation: Camatril 730
Break through time : 175 min
Glove thickness : 0,4 mm
Directive : DIN EN 374
Manufacturer : Kächele-Cama Latex GmbH (KCL), Germany

Material : Butyl-rubber, Recommendation: Butoject 898
Break through time : > 480 min
Glove thickness : 0,7 mm
Directive : DIN EN 374
Manufacturer : Kächele-Cama Latex GmbH (KCL), Germany

Remarks : In case of contact through splashing: elbow-length rubber gloves
Change protective gloves regularly.

Skin and body protection : When opening the container, decanting or blending:
Hand protection
suitable protective clothing / face protection
Chemical-resistant safety shoes
cotton overalls buttoned to the neck and wrist (or equivalent clothing)
When using the prepared spray:
cotton overalls buttoned to the neck and wrist (or equivalent clothing)

Respiratory protection : Do not inhale gases, vapours, aerosols or dust - use respiratory protection equipment.
Respirator with brown A-type filter

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : yellowish

Odour : alcohol-like

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Melting point/range	:	ca. -117 °C Ethanol
Boiling point/boiling range	:	ca. >= 78 °C Ethanol
Upper explosion limit / upper flammability limit	:	28 %(V) Ethanol
Lower explosion limit / Lower flammability limit	:	3 %(V) Ethanol
Flash point	:	16 °C
Auto-ignition temperature	:	385 °C
Decomposition temperature	:	no data available
pH	:	7,7 (20 °C) (1 % solution)
Viscosity		
Viscosity, dynamic	:	8 - 9 mPa.s (20 °C)
Viscosity, kinematic	:	no data available
Solubility(ies)		
Water solubility	:	(20 °C) completely miscible
Partition coefficient: n-octanol/water	:	log Pow: 3,2 (20 °C) active substance
Vapour pressure	:	59 hPa (20 °C) Ethanol
Relative density	:	no data available
Density	:	0,84 g/cm ³ (20 °C) Own study
Relative vapour density	:	no data available
Particle characteristics Assessment	:	This substance/ mixture does not contain nanoforms

9.2 Other information

Explosives	:	not to be expected, given the composition employed
Oxidizing properties	:	not to be expected, given the composition employed

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Surface tension : 40,2 mN/m, 20 °C

SECTION 10: Stability and reactivity

10.1 Reactivity

See section 10.3

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Keep away from direct sunlight.
Keep away from heat and sources of ignition.

10.5 Incompatible materials

Materials to avoid : Acids and bases
Oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.
see section 5

SECTION 11: Toxicological information

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

Acute toxicity

Product:

- Acute oral toxicity : LD50 (rat): > 2000 mg/kg
Assessment: Based on available data, the classification criteria are not met.
Remarks: Own test result.
- Acute inhalation toxicity : LC50 (Rat): > 5,16 mg/l
Exposure time: 4 h
Assessment: Based on available data, the classification criteria are not met.
Remarks: maximum concentration in the test: no animals died.
Own test result.
- Acute dermal toxicity : LD50 (Rat): > 2000 mg/kg
Assessment: Based on available data, the classification criteria are not met.
Remarks: Own test result.

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Components:

ethanol; ethyl alcohol:

- Acute oral toxicity : Assessment: Based on available data, the classification criteria are not met.
- Acute inhalation toxicity : Assessment: Based on available data, the classification criteria are not met.
- Acute dermal toxicity : Assessment: Based on available data, the classification criteria are not met.

forchlorfenuron:

- Acute oral toxicity : LD50 (Rat): 4918 mg/kg
Remarks: Own test result.
- Acute inhalation toxicity : LC50 (Rat): > 3 mg/l
Exposure time: 4 h
Remarks: maximum concentration in the test: no animals died.
Own test result.
- Acute dermal toxicity : LD50 (Rabbit): > 2000 mg/kg
Remarks: Own test result.

Skin corrosion/irritation

Product:

- Species : Rabbit
- Exposure time : 4 h
- Assessment : Causes skin irritation.
- Method : OECD Guide-line 404
- Result : Moderate skin irritation
- Remarks : Own test result.

Components:

ethanol; ethyl alcohol:

- Assessment : Based on available data, the classification criteria are not met.
- Remarks : IUCLID

forchlorfenuron:

- Species : Rabbit
- Result : No skin irritation
- Remarks : Own test result.

Serious eye damage/eye irritation

Product:

- Species : Rabbit
- Method : OECD Guide-line 405
- Result : slightly irritating

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Remarks : Own test result.

Components:

ethanol; ethyl alcohol:

Species : Rabbit
Method : OECD Guide-line 405
Result : irritating

forchlorfenuron:

Species : Rabbit
Result : slight irritation
Remarks : Own test result.
Product dust may cause temporary mechanical eye irritation.

Respiratory or skin sensitisation

Product:

Species : guinea pig
Assessment : Did not cause sensitisation on laboratory animals.
Result : not sensitizing
Remarks : Own test result.

Components:

ethanol; ethyl alcohol:

Assessment : Based on available data, the classification criteria are not met.
Remarks : IUCLID

forchlorfenuron:

Species : guinea pig
Result : not sensitizing
Remarks : literature

Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment : Not mutagenic in a battery of in-vitro test systems.

Components:

ethanol; ethyl alcohol:

Germ cell mutagenicity- Assessment : Based on available data, the classification criteria are not met.
Remarks: IUCLID

forchlorfenuron:

Germ cell mutagenicity- Assessment : Not mutagenic in a battery of in-vitro test systems.

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Carcinogenicity

Product:

Remarks : H351: Suspected of causing cancer.
EU-CLP as per Regulation (EU) No. 1272/2008, Annex VI

Carcinogenicity - Assessment : The classification criteria are not met based on the available data., The available data does not support the harmonized classification.

Components:

ethanol; ethyl alcohol:

Carcinogenicity - Assessment : Based on available data, the classification criteria are not met.
Remarks: IUCLID

forchlorfenuron:

Remarks : H351: Suspected of causing cancer.
EU-CLP as per Regulation (EU) No. 1272/2008, Annex VI

Carcinogenicity - Assessment : The classification criteria are not met based on the available data., The available data does not support the harmonized classification.

Reproductive toxicity

Components:

ethanol; ethyl alcohol:

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.
Remarks: IUCLID

forchlorfenuron:

Reproductive toxicity - Assessment : no data available

STOT - single exposure

Product:

Remarks : no data available

Components:

ethanol; ethyl alcohol:

Assessment : Based on available data, the classification criteria are not met.
Remarks : IUCLID

forchlorfenuron:

Remarks : no data available

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STOT - repeated exposure

Product:

Remarks : no data available

Components:

ethanol; ethyl alcohol:

Assessment : Based on available data, the classification criteria are not met.
Remarks : IUCLID

forchlorfenuron:

Remarks : no data available

Aspiration toxicity

Product:

No data available

Components:

ethanol; ethyl alcohol:

Based on available data, the classification criteria are not met.
Remarks : IUCLID

forchlorfenuron:

No data available

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : Chronic overexposure to ethanol may cause liver damage and cirrhosis of the liver, central nervous system depression, headache and dizziness.
Concentrations substantially above the TLV value may cause narcotic effects.

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SECTION 12: Ecological information

12.1 Toxicity

Product:

- Toxicity to fish : LC50 (Oncorhynchus mykiss): 160 mg/l
Exposure time: 96 h
Remarks: Own test result.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna): > 300 mg/l
Exposure time: 48 h
Test Type: static test
Remarks: Own test result.
- NOEC : 180 mg/l
Exposure time: 48 h
Remarks: Own test result.
- Toxicity to algae/aquatic plants : EC50 (selenastrum capricornutum): 27 mg/l
End point: Biomass
Exposure time: 96 h
Remarks: Own test result.
- EC50 (selenastrum capricornutum): 74 mg/l
End point: growth rate
Exposure time: 96 h
Remarks: Own test result.
- Toxicity to terrestrial organisms : LD50: > 2250 mg/l
Species: Colinus virginianus (Bobwhite quail)
Test substance: active substance
- Remarks: Non toxic to bees

Ecotoxicology Assessment

- Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:

ethanol; ethyl alcohol:

- Toxicity to fish : LC50 (Pimephales promelas): 14200 mg/l
Exposure time: 96 h
Remarks: IUCLID
- Toxicity to daphnia and other aquatic invertebrates : LC50 (Ceriodaphnia dubia (water flea)): 5012 mg/l
Exposure time: 48 h
Remarks: IUCLID

forchlorfenuron:

- Toxicity to fish : LC50 (Oncorhynchus mykiss): 9,2 mg/l
Exposure time: 96 h

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- Remarks: Own test result.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna): 8,0 mg/l
Exposure time: 48 h
Remarks: Own test result.
- Toxicity to algae/aquatic plants : EC50 (selenastrum capricornutum): 3,3 mg/l
End point: Biomass
Exposure time: 72 h
Remarks: Own test result.
- ErC50 (selenastrum capricornutum): 5,3 mg/l
End point: growth rate
Exposure time: 72 h
Remarks: Own test result.
- NOEC : 1 mg/l
Exposure time: 72 h
Remarks: Own test result.
- ErC50 (Navicula pelliculosa (Freshwater diatom)): 4,74 mg/l
End point: growth rate
Remarks: Own test result.
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 2 mg/l
Exposure time: 21 d
Species: Daphnia (water flea)
Remarks: Own test result.
- Toxicity to soil dwelling organisms : NOEC: 37,79 mg/kg
Exposure time: 56 d
End point: reproduction
Species: Eisenia fetida (earthworms)
Method: OECD TG 222
- Toxicity to terrestrial organisms : LD50: > 2250 mg/l
Species: Colinus virginianus (Bobwhite quail)
Test substance: active substance
- Remarks: Non toxic to bees

Ecotoxicology Assessment

- Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Components:

ethanol; ethyl alcohol:

- Biodegradability : Remarks: Readily biodegradable.

forchlorfenuron:

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Biodegradability : Remarks: Not readily biodegradable.

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No bioaccumulation is to be expected (log Pow <= 4).

Components:

ethanol; ethyl alcohol:

Partition coefficient: n-octanol/water : log Pow: -0,35 (24 °C)

forchlorfenuron:

Bioaccumulation : Bioconcentration factor (BCF): 6,6
Remarks: Own study

Partition coefficient: n-octanol/water : log Pow: 3,2 (20 °C)

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/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.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : Prevent penetration into soil, stretches of water and drainage systems.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Must be brought to an adequate waste treatment facility, in

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conformity with applicable waste disposal regulations.

Contaminated packaging : Rinse empty containers with water and use the rinse-water to prepare the working solution.
Triple rinse containers.
Puncture container to avoid re-use.
Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : UN 1170
RID : UN 1170
IMDG : UN 1170
IATA : UN 1170

14.2 UN proper shipping name

ADR : ETHANOL SOLUTION
RID : ETHANOL SOLUTION
IMDG : ETHANOL SOLUTION
IATA : Ethanol solution

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADR	: 3	
RID	: 3	
IMDG	: 3	
IATA	: 3	

14.4 Packing group

ADR
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Tunnel restriction code : (D/E)
Remarks : Observe listed materials regulation §35, paragraph 1
GGVSEB

RID
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3

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IMDG

Packing group : II
Labels : 3
EmS Code : F-E, S-D

IATA (Cargo)

Packing instruction (cargo aircraft) : 364
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids
Remarks : ERG-Code 3L
Maximum Net Quantity per Package 60 L

IATA (Passenger)

Packing instruction (passenger aircraft) : 353
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids
Remarks : ERG-Code 3L
Maximum Net Quantity per Package 5 L

14.5 Environmental hazards

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Other regulations:

Restricted to professional users.
According to EU Regulation 1107/2009/EEC and country-specific requirements.

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15.2 Chemical safety assessment

No substance safety assessment is required for this product because use of the substance is already regulated within the framework of specific legal regulations.

SECTION 16: Other information

Full text of H-Statements

H225 : Highly flammable liquid and vapour.
H319 : Causes serious eye irritation.
H351 : Suspected of causing cancer.
H411 : Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard
Carc. : Carcinogenicity
Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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Further information

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