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026570 - TELACRIL FACHADAS SATINADO Base D



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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 **Product identifier:** 026570 - TELACRIL FACHADAS SATINADO Base D

Other means of identification:

HET. ENV0-V0JH-T00G-T503

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

Relevant uses: Waterproofing agents for terraces and facades

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

> Productos JAFEP, S.L. Carretera de Barrax, s/n

02630 La Roda - Albacete - Spain

Phone: +34 967 44 05 96 - Fax: +34 967 44 26 12

jafep@jafep.com www.jafep.com

1.4 **Emergency telephone number:** +34 967 44 05 96 (9:00-14:00; 16:00-20:00)

SECTION 2: HAZARDS IDENTIFICATION **

The product has been classified in accordance with the information contained in the suppliers' SDS and the additional information from tests carried out by said suppliers

Classification of the substance or mixture: 2.1

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412 Skin Sens. 1A: Sensitisation, skin, Category 1A, H317

Label elements: 2.2

CLP Regulation (EC) No 1272/2008:



Hazard statements:

Harmful to aquatic life with long lasting effects.

May cause an allergic skin reaction.

Precautionary statements:

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.

IF ON SKIN: Wash with plenty of water.

Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

Contains octhilinone (ISO), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

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Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Substances that contribute to the classification

1,2-benzisothiazol-3(2H)-one **UFI:** ENV0-V0JH-T00G-T503

2.3 Other hazards:

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Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria.

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^{**} Changes with regards to the previous version



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Miscellaneous products

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

	Identification		Chemical name/Classification		Concentration
CAS: EC:	112-34-5	2-(2-butoxyethoxy)eth	nanol ⁽¹⁾	ATP CLP00	
Index:	ov: 603-006-00-8		ye Irrit. 2: H319 - Warning	1	0,09 - <0,24 %
CAS:	330-54-1	diuron (ISO)(2)		ATP ATP01	
	206-354-4 006-015-00-9 01-2119517622-45- XXXX		cute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Carc. 2: 351; STOT RE 2: H373 - Warning	(!) (\$	<0,09 %
CAS:	2634-33-5	1,2-benzisothiazol-3(2)	H)-one ⁽²⁾	ATP CLP00	
EC: 220-120-9 Index: 613-088-00-6 REACH: 01-2120761540-60- XXXX			cute Tox. 4: H302; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; kin Sens. 1: H317 - Danger	(!) (A) (A)	<0,09 %
CAS:	26530-20-1	octhilinone (ISO)(2)		ATP ATP15	
	247-761-7 613-112-00-5 01-2120768921-45- XXXX	Regulation 1272/2008 Ch	cute Tox. 2: H330; Acute Tox. 3: H301+H311; Aquatic Acute 1: H400; Aquatic hronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1: H314; Skin Sens. 1A: H317; UH071 - Danger		<0,09 %
CAS:	50-00-0	Formaldehyde (1)		ATP ATP06	
EC: Index: REACH:	200-001-8 605-001-00-5 01-2119488953-20- XXXX		cute Tox. 3: H301+H311+H331; Carc. 1B: H350; Muta. 2: H341; Skin Corr. 1B: 314; Skin Sens. 1: H317 - Danger		<0,09 %
CAS: EC:	55965-84-9 Non-applicable	Reaction mass of 5-chlone (3:1) ⁽²⁾	oro <mark>-2-methyl-</mark> 2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	ATP ATP13	
Index: REACH:	613-167-00-5 Non-applicable	Regulation 1272/2008 Ch	cute Tox. 2: H310+H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic hronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; UH071 - Danger		<0,09 %
CAS: EC:	55965-84-9 Non-applicable	Reaction mass of 5-chlone (3:1) ⁽²⁾	oro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	ATP ATP13	
Index: REACH:	613-167-00-5 Non-applicable	Regulation 1272/2008 Ch	cute Tox. 2: H310+H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic hronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; UH071 - Danger		<0,09 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

	Identification		M-factor
diuron (ISO)		Acute	10
CAS: 330-54-1	EC: 206-354-4	Chronic	10
octhilinone (ISO)		Acute	100
CAS: 26530-20-1	EC: 247-761-7	Chronic	100
Reaction mass of 5-chl	oro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Acute	100
CAS: 55965-84-9	EC: Non-applicable	Chronic	100
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			100
CAS: 55965-84-9 EC: Non-applicable		Chronic	100

Identification	Specific concentration limit
1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9	% (w/w) >=0,05: Skin Sens. 1 - H317
octhilinone (ISO) CAS: 26530-20-1 EC: 247-761-7	% (w/w) >=0,0015: Skin Sens. 1A - H317

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⁽¹⁾ Substance with a Union workplace exposure limit (2) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Specific concentration limit
Formaldehyde CAS: 50-00-0 EC: 200-001-8	% (w/w) >=25: Skin Corr. 1B - H314 5<= % (w/w) <25: Skin Irrit. 2 - H315 % (w/w) >=25: Eye Dam. 1 - H318 5<= % (w/w) <25: Eye Irrit. 2 - H319 % (w/w) >=0,2: Skin Sens. 1 - H317 % (w/w) >=5: STOT SE 3 - H335
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: Non-applicable	% (w/w) >=0,6: Skin Corr. 1C - H314 0,06<= % (w/w) <0,6: Skin Irrit. 2 - H315 % (w/w) >=0,6: Eye Dam. 1 - H318 0,06<= % (w/w) <0,6: Eye Irrit. 2 - H319 % (w/w) >=0,0015: Skin Sens. 1A - H317
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: Non-applicable	% (w/w) >=0,6: Skin Corr. 1C - H314 0,06<= % (w/w) <0,6: Skin Irrit. 2 - H315 % (w/w) >=0,6: Eye Dam. 1 - H318 0,06<= % (w/w) <0,6: Eye Irrit. 2 - H319 % (w/w) >=0,0015: Skin Sens. 1A - H317

CAS: 26530-20-1 (2-octyl-2H-isothiazol-3-one), the total content is indicated, free / total percentage10%;

CAS: 330-54-1 (diuron), the total content is indicated, percentage free / total 10%.

Classification calculation based on supplier testing information:

Only the content of free OIT is toxicologically relevant and must be taken into account for the classification of the preparation in relation to danger for the environment, irritation to skin and eyes, sensitization.

Only the content of free Diuron is toxicologically relevant and must be taken into account for the classification of the preparation in relation to the danger for the environment.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

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SECTION 5: FIREFIGHTING MEASURES (continued)

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C Maximum Temp.: 30 °C

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SECTION 7: HANDLING AND STORAGE (continued)

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occ	Occupational exposure limits		
2-(2-butoxyethoxy)ethanol	IOELV (8h)	10 ppm	67,5 mg/m ³	
CAS: 112-34-5 EC: 203-961-6	IOELV (STEL)	15 ppm	101,2 mg/m ³	
Formaldehyde	IOELV (8h)	0,3 ppm	0,37 mg/m ³	
CAS: 50-00-0 EC: 200-001-8	IOELV (STEL)	0,6 ppm	0,74 mg/m ³	

DNEL (Workers):

		Short	exposure	Long	exposure
Identification		Systemic	Local	Systemic	Local
2-(2-butoxyethoxy)ethanol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 112-34-5	Dermal	Non-applicable	Non-applicable	83 mg/kg	Non-applicable
EC: 203-961-6	Inhalation	Non-applicable	101,2 mg/m ³	67,5 mg/m ³	67,5 mg/m ³
diuron (ISO)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 330-54-1	Dermal	Non-applicable	Non-applicable	5,79 mg/kg	Non-applicable
EC: 206-354-4	Inhalation	Non-applicable	Non-applicable	0,17 mg/m ³	Non-applicable
1,2-benzisothiazol-3(2H)-one	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 2634-33-5	Dermal	Non-applicable	Non-applicable	0,966 mg/kg	Non-applicable
EC: 220-120-9	Inhalation	Non-applicable	Non-applicable	6,81 mg/m ³	Non-applicable
Formaldehyde	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 50-00-0	Dermal	Non-applicable	Non-applicable	240 mg/kg	Non-applicable
EC: 200-001-8	Inhalation	Non-applicable	0,75 mg/m ³	9 mg/m³	0,375 mg/m ³

DNEL (General population):

		Short e	exposure	Long e	xposure
Identification		Systemic	Local	Systemic	Local
2-(2-butoxyethoxy)ethanol	Oral	Non-applicable	Non-applicable	5 mg/kg	Non-applicable
CAS: 112-34-5	Dermal	Non-applicable	Non-applicable	50 mg/kg	Non-applicable
EC: 203-961-6	Inhalation	Non-applicable	60,7 mg/m ³	40,5 mg/m ³	40,5 mg/m ³
1,2-benzisothiazol-3(2H)-one	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 2634-33-5	Dermal	Non-applicable	Non-applicable	0,345 mg/kg	Non-applicable
EC: 220-120-9	Inhalation	Non-applicable	Non-applicable	1,2 mg/m ³	Non-applicable
Formaldehyde	Oral	Non-applicable	Non-applicable	4,1 mg/kg	Non-applicable
CAS: 50-00-0	Dermal	Non-applicable	Non-applicable	102 mg/kg	Non-applicable
EC: 200-001-8	Inhalation	Non-applicable	Non-applicable	3,2 mg/m ³	0,1 mg/m³

PNEC:

Identification				
2-(2-butoxyethoxy)ethanol	STP	200 mg/L	Fresh water	1,1 mg/L
CAS: 112-34-5	Soil	0,32 mg/kg	Marine water	0,11 mg/L
EC: 203-961-6	Intermittent	11 mg/L	Sediment (Fresh water)	4,4 mg/kg
	Oral	0,056 g/kg	Sediment (Marine water)	0,44 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
diuron (ISO)	STP	58 mg/L	Fresh water	0,00032 mg/L
CAS: 330-54-1	Soil	0,012 mg/kg	Marine water	0,000032 mg/L
EC: 206-354-4	Intermittent	0,00022 mg/L	Sediment (Fresh water)	0,052 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,005 mg/kg
1,2-benzisothiazol-3(2H)-one	STP	1,03 mg/L	Fresh water	0,00403 mg/L
CAS: 2634-33-5	Soil	3 mg/kg	Marine water	0,000403 mg/L
EC: 220-120-9	Intermittent	0,0011 mg/L	Sediment (Fresh water)	0,0499 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,00499 mg/kg
octhilinone (ISO)	STP	Non-applicable	Fresh water	0,0022 mg/L
CAS: 26530-20-1	Soil	0,0082 mg/kg	Marine water	0,00022 mg/L
EC: 247-761-7	Intermittent	0,00122 mg/L	Sediment (Fresh water)	0,0475 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,00475 mg/kg
Formaldehyde	STP	0,19 mg/L	Fresh water	0,44 mg/L
CAS: 50-00-0	Soil	0,2 mg/kg	Marine water	0,44 mg/L
EC: 200-001-8	Intermittent	4,44 mg/L	Sediment (Fresh water)	2,3 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	2,3 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours	CAT III	EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Protective gloves against minor risks	CATI		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+ A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.	CATII	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CATI		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Anti-slip work shoes	CATII	EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
**	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	©+	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply): 0,04 % weight

V.O.C. density at 20 °C: 0,57 kg/m³ (0,57 g/L)

Average carbon number: 3,87

Average molecular weight: 118,21 g/mol

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

V.O.C. density at 20 °C: 0,57 kg/m³ (0,57 g/L)

EU limit for the product (Cat. A.C): 40 g/L (2010)

Components: Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:

Appearance:

Colour:

Codour:

Characteristic

Odour threshold:

Non-applicable *

Volatility:

Boiling point at atmospheric pressure: 102 °C
Vapour pressure at 20 °C: 2360 Pa

Vapour pressure at 50 °C: 12388,49 Pa (12,39 kPa)

Evaporation rate at 20 °C: Non-applicable *

Product description:

Density at 20 °C: $\approx 1340 \text{ kg/m}^3$ Relative density at 20 °C: $\approx 1,34$

Dynamic viscosity at 20 °C:

Non-applicable *

Kinematic viscosity at 20 °C: Non-applicable *
Kinematic viscosity at 40 °C: >20,5 mm²/s

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Concentration: Non-applicable *

pH: 8 - 10

Vapour density at 20 °C:

Partition coefficient n-octanol/water 20 °C:

Solubility in water at 20 °C:

Non-applicable *

Non-applicable *

Water-soluble

Decomposition temperature:

Melting point/freezing point:

Non-applicable *

Flammability:

Flash Point: Non Flammable (>60 °C)

Flammability (solid, gas): Non-applicable *

Autoignition temperature: 204 °C

Lower flammability limit: Non-applicable *
Upper flammability limit: Non-applicable *

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:

Oxidising properties:

Corrosive to metals:

Non-applicable *

Non-applicable *

Heat of combustion: Non-applicable *

Aerosols-total percentage (by mass) of flammable Non-applicable *

components:

Other safety characteristics:

Surface tension at 20 °C:

Refraction index:

Non-applicable *

Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
 - IARC: Distillates (petroleum), hydrotreated light paraffinic (3); Distillates (petroleum), hydrotreated light naphthenic (3); Titanium dioxide (2B); 2,6-di-tert-butyl-p-cresol (3); Formaldehyde (1)
 - Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not skin sensitizing based on the results of similar mixtures tested in accordance with the bridging principles described in Article 9 (4) of the CLP Regulation; OECD 429 LLNA (mouse): not skin sensitiser- S4565; S4568.

Specific toxicology information on the substances:



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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acu	ite toxicity	Genus
diuron (ISO)	LD50 oral	1017 mg/kg	Rat
CAS: 330-54-1	LD50 dermal	Non-applicable	
EC: 206-354-4	LC50 inhalation	Non-applicable	
1,2-benzisothiazol-3(2H)-one	LD50 oral	500 mg/kg	Rat
CAS: 2634-33-5	LD50 dermal	Non-applicable	
EC: 220-120-9	LC50 inhalation	Non-applicable	
octhilinone (ISO)	LD50 oral	125 mg/kg	
CAS: 26530-20-1	LD50 dermal	311 mg/kg	
EC: 247-761-7	LC50 inhalation	Non-applicable	
Formaldehyde	LD50 oral	100 mg/kg	
CAS: 50-00-0	LD50 dermal	300 mg/kg	
EC: 200-001-8	LC50 inhalation	Non-applicable	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 oral	64 mg/kg	Rat
CAS: 55965-84-9	LD50 dermal	87,12 mg/kg	Rabbit
EC: Non-applicable	LC50 inhalation	0,33 mg/L (4 h)	Rat
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 oral	64 mg/kg	Rat
CAS: 55965-84-9	LD50 dermal	87,12 mg/kg	Rabbit
EC: Non-applicable	LC50 inhalation	0,33 mg/L (4 h)	Rat

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Acute toxicity:

Identification		Concentration	Species	Genus
2-(2-butoxyethoxy)ethanol	LC50	1300 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 112-34-5	EC50	2850 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-961-6	EC50	53 mg/L (192 h)	Microcystis aeruginosa	Algae
diuron (ISO)	LC50	6,6 mg/L (96 h)	Leuciscus idus	Fish
CAS: 330-54-1	EC50	1,4 mg/L (48 h)	Daphnia magna	Crustacean
EC: 206-354-4	EC50	0,022 mg/L (96 h)	Scenedesmus subspicatus	Algae
1,2-benzisothiazol-3(2H)-one	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 2634-33-5	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 220-120-9	EC50	>0.1 - 1 mg/L (72 h)		Algae
octhilinone (ISO)	LC50	0,036 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 26530-20-1	EC50	0,42 mg/L (48 h)	Daphnia magna	Crustacean
EC: 247-761-7	EC50	0,084 mg/L (72 h)	Desmodesmus subspicatus	Algae
Formaldehyde	LC50	100 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 50-00-0	EC50	42 mg/L (24 h)	Daphnia magna	Crustacean
EC: 200-001-8	EC50	Non-applicable		
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 55965-84-9	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: Non-applicable	EC50	>0.1 - 1 mg/L (72 h)		Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LC50	0,28 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 55965-84-9	EC50	0,16 mg/L (48 h)	Daphnia magna	Crustacean
EC: Non-applicable	EC50	0,018 mg/L (72 h)	Selenastrum capricornutum	Algae

Chronic toxicity:

Identification		Concentration	Species	Genus
diuron (ISO)	NOEC	0,001 mg/L	Danio rerio	Fish
CAS: 330-54-1 EC: 206-354-4	NOEC	0,56 mg/L	Daphnia magna	Crustacean
Formaldehyde	NOEC	Non-applicable		
CAS: 50-00-0 EC: 200-001-8	NOEC	6,4 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradab	oility
2-(2-butoxyethoxy)ethanol	BOD5	0,25 g O2/g	Concentration	100 mg/L
CAS: 112-34-5	COD	2,08 g O2/g	Period	28 days
EC: 203-961-6	BOD5/COD	0,12	% Biodegradable	92 %
diuron (ISO)	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 330-54-1	COD	Non-applicable	Period	28 days
EC: 206-354-4	BOD5/COD	Non-applicable	% Biodegradable	0 %
1,2-benzisothiazol-3(2H)-one	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 2634-33-5	COD	Non-applicable	Period	28 days
EC: 220-120-9	BOD5/COD	Non-applicable	% Biodegradable	0 %
Formaldehyde	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 50-00-0	COD	Non-applicable	Period	14 days
EC: 200-001-8	BOD5/COD	Non-applicable	% Biodegradable	92 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bio	accumulation potential
2-(2-butoxyethoxy)ethanol	BCF	0.46
CAS: 112-34-5	Pow Log	0.56
EC: 203-961-6	Potential	Low
diuron (ISO)	BCF	64
CAS: 330-54-1	Pow Log	2.68
EC: 206-354-4	Potential	Moderate
1,2-benzisothiazol-3(2H)-one	BCF	2
CAS: 2634-33-5	Pow Log	1.45
EC: 220-120-9	Potential	Low
Formaldehyde		3
CAS: 50-00-0		0.35
EC: 200-001-8	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
2-(2-butoxyethoxy)ethanol	Koc	48	Henry	7,2E-9 Pa·m³/mol
CAS: 112-34-5	Conclusion	Very High	Dry soil	No
EC: 203-961-6	Surface tension	3,395E-2 N/m (25 °C)	Moist soil	No
Formaldehyde	Koc	Non-applicable	Henry	Non-applicable
CAS: 50-00-0	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 200-001-8	Surface tension	1,416E-2 N/m (25 °C)	Moist soil	Non-applicable

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, (ethylenedioxy)dimethanol, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), diuron (ISO), octhilinone (ISO), 2-methylisothiazol-3(2H)-one, 1,2-benzisothiazol-3(2H)-one.

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: diuron (ISO) (Product-type 7, 10); 1,2-benzisothiazol-3(2H)-one (Product-type 2, 6, 9, 11, 12, 13); octhilinone (ISO) (Product-type 6, 7, 8, 9, 10, 11, 13); Formaldehyde (Product-type 2, 3, 22); Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Product-type 2, 4, 6, 11, 12, 13); Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Product-type 2, 4, 6, 11, 12, 13); REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

- —ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- —tricks and jokes,
- —games for one or more participants, or any article intended to be used as such, even with ornamental aspects. Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

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SECTION 15: REGULATORY INFORMATION (continued)

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Substances that contribute to the classification (SECTION 2):

- · New declared substances
 - 1,2-benzisothiazol-3(2H)-one (2634-33-5)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- · Pictograms
- · Hazard statements
- · Precautionary statements
- · Supplementary information
- · Substances contained in EUH208:
 - Removed substances
 - 1,2-benzisothiazol-3(2H)-one (2634-33-5)

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 2: H310+H330 - Fatal in contact with skin or if inhaled.

Acute Tox. 2: H330 - Fatal if inhaled.

Acute Tox. 3: H301 - Toxic if swallowed.

Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin.

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.

Acute Tox. 4: H302 - Harmful if swallowed.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Carc. 1B: H350 - May cause cancer.

Carc. 2: H351 - Suspected of causing cancer.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Muta. 2: H341 - Suspected of causing genetic defects.

Skin Corr. 1: H314 - Causes severe skin burns and eye damage.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

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SECTION 16: OTHER INFORMATION ** (continued)

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Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer



The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

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