

SAFETY DATA SHEET DATED: 20/9/2023, REVISION 5

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

1.1. Product identifier, Mixture identification:
Commercial name: Pittura Super macho
Commercial code: 14522AF
1.2. Relevant identified uses of the substance or mixture and uses advised against
1.3. Information about the supplier of the safety data sheet Supplier:
FARBELAST SRL-NICOLA VERNICI S.r.l. paint industries - Strada del Francese 117/12
Turin 10156 TO (Turin) - Italy
Tel. (+39) 011856603 - 10156 - Fax. (+39) 0114704523
Competent person responsible for the safety data sheet:
showroomnicola@libero.it, nicolavernici@libero.it
1.4. . Emergency telephone number: Poison Control Center - Niguarda Hospital - Milan -
Tel. 02/66101029,
Poison Control Center - Dogliotti Hospital - Turin-corsoDogliotti 101 - 011/6637637

**SECTION 2:
IDENTIFICATION OF
DANGERS**

2.1. Substance or mixture classification
2.1. Substance or mixture classification
EC Regulation 1272/2008 (CLP) criteria:
The product is not considered dangerous in accordance with EC Regulation
1272/2008 (CLP).
2.2. Label elements
The product is not considered dangerous in accordance with EC Regulation
1272/2008 (CLP).
Special provisions:
EUH208 Contains 1,2-benzisotiazol-3(2H)-one, may cause an allergic reaction.
EUH208 Contains mixture of: 5-cloro-2-metil-2H-isotiazol-3-one [EC no. 247-500-7] and
2-metil-2H-isotiazol-3-one [EC no. 220-239-6] (3:1), may cause an allergic reaction.
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not
breathe vapors or mists.
EUH210 Safety data sheet available upon request.
Special provisions under Annex XVII of REACH and subsequent amendments: None.

**SECTION 3:
COMPOSITION/INFOR
MATION ON
INGREDIENTS**

3.1. Substances
N.A.
3.2. Mixtures
Hazardous components according to the CLP Regulation and their classification:

Nome del prodotto/ ingrediente	Identificatori	%	Classificazione	Conc. specifica limiti, fattori M e ATE	Tipo
diossido di titanio	REACH #: 01-2119489379-17 CE: 236-675-5 Numero CAS: 13463-67-7	≥15 - ≤20	Carc. 2, H351 (inalazione)	-	[1] [*]
1,2-benzisotiazol-3(2H)-one	CE: 220-120-9 Numero CAS: 2634-33-5	<0.05	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	ATE [Orale] = 500 mg/kg ATE [Inalazione (polveri e nebulizzazioni)] = 0.05 mg/l Skin Sens. 1, H317: C ≥ 0.05% M [Acuto] = 10	[1]
CMIT/MIT(3:1)	REACH #: 01-2120764691-48 CE: 911-418-6 Numero CAS: 55965-84-9 Indice: 613-167-00-5	<0.0015	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Orale] = 100 mg/kg ATE [Dermico] = 50 mg/kg ATE [Inalazione (polveri e nebulizzazioni)] = 0.05 mg/l Skin Corr. 1C, H314: C ≥ 0.6% Skin Irrit. 2, H315: 0.06% ≤ C < 0.6% Eye Dam. 1, H318: C ≥ 0.6% Eye Irrit. 2, H319: 0.06% ≤ C < 0.6% Skin Sens. 1, H317: C ≥ 0.0015% M [Acuto] = 100 M [Cronico] = 100	[1]
OIT	CE: 247-761-7 Numero CAS: 26530-20-1 Indice: 613-112-00-5	<0.001	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Orale] = 125 mg/kg ATE [Dermico] = 311 mg/kg ATE [Inalazione (polveri e nebulizzazioni)] = 0.27 mg/l Skin Sens. 1, H317: C ≥ 0.0015% M [Acuto] = 100 M [Cronico] = 100	[1]
DISTILLED WATER	H2O	29.9475	NN	NN	[1]
ACRILIC BINDER AKNAL 290D	REACH #: 01-2119489379-17 CE: 236-675-5 Numero CAS: 25054-06-2	50	Carc. 2, H351 (inalazione)	NN	[1]

There are no additional ingredients that, to the supplier's current knowledge and at applicable concentrations, are classified as hazardous to health or the environment, meet the PBT or vPvB criteria, or are considered substances of equivalent concern or substances assigned an occupational exposure limit that must be reported in this section.

Type

[1] Substance classified with a physical, health, or environmental hazard.

[*] The classification as a carcinogenic substance by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with an aerodynamic diameter ≤10 µm, not incorporated into a matrix. Occupational exposure limits, if known, are listed in section 8.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Eye contact: Immediately rinse eyes with plenty of water, lifting both upper and lower eyelids. Check for contact lenses and remove them if present. Seek medical advice if irritation occurs.

Inhalation: Move the affected person to fresh air and keep them at rest in a position that facilitates breathing. Seek medical advice if symptoms occur.

Skin contact: Rinse the contaminated skin with plenty of water. Remove contaminated clothing and footwear. Seek medical advice if symptoms occur.

Ingestione : Rinse the mouth with water. In case of material ingestion, if the exposed person is conscious, give them small amounts of water to drink. Do not induce vomiting unless instructed by medical personnel. Seek medical advice if symptoms occur.

Rescuer protection: No action should be taken that involves any personal risk or without proper training.

4.2 Main symptoms and effects, both acute and delayed

No data is available on the mixture itself. This product is not classified as hazardous under Regulation (EC) 1272/2008 and its subsequent amendments.

Repeated or prolonged contact with the mixture may remove the natural fat from the skin, leading to non-allergic contact dermatitis and absorption through the skin.

Contact with the liquid may cause eye irritation and reversible damage.

Where known, consideration is given to immediate and delayed effects, as well as chronic effects of the components resulting from short- and long-term exposure via oral, dermal, inhalation, and eye contact routes.

Contains 1,2-benzisotiazol-3(2H)-one, CMIT/MIT(3:1), octilione (ISO). May cause an allergic reaction.

Signs/Symptoms of Overexposure:

Eye Contact: No specific data.

Inhalation: No specific data.

Skin Contact: No specific data.

Ingestion: No specific data.

4.3 Indication of the possible need for immediate medical consultation and special treatments:

Treat symptomatically. If large quantities are ingested or inhaled, immediately contact a poison control center.

Specific treatments: No specific treatment.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: Unknown

SECTION 5: FIRE FIGHTING MEASURES

5.2 Special hazards arising from the substance or mixture

Hazards Arising from the Substance or Mixture:

In case of fire or overheating, pressure will increase, potentially causing the container to rupture.

Combustion products:

Decomposition products may include the following hazardous materials:

Carbon dioxide

Carbon monoxide

Metal oxide(s)

5.3 Recommendations for firefighters

Special protective actions for firefighters: Promptly isolate the area by removing all persons from the incident zone in case of fire. No action should be taken that involves any personal risk or without proper training.

Special protective equipment for firefighting personnel:

Firefighters must wear protective equipment and a self-contained breathing apparatus (SCBA) with a full-face mask operating in positive pressure mode. Firefighting clothing (including helmets, protective boots, and gloves) compliant with European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel: No action should be taken that involves any personal risk or without proper training. Evacuate surrounding areas. Prevent entry of unauthorized and unprotected personnel. Do not touch or walk through spilled material. Wear appropriate personal protective equipment.

For first responders: If spill management requires the use of special clothing, refer to the information in Section 8 regarding suitable and unsuitable materials. Also, see the information under "For those not directly involved."

6.2 Environmental precautions:

Avoid dispersal and runoff of spilled material and contact with soil, waterways, drains, and sewers. Notify the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

6.3 Methods and materials for containment and cleanup – Small spill:

Stop the leak if there is no risk. Move containers away from the spill area. If water-soluble, dilute with water and absorb. Alternatively, if insoluble in water, absorb with dry inert material and dispose of in an appropriate waste container. Dispose of through an authorized waste disposal company.

Large spill : Stop the leak if there is no risk. Move containers away from the spill area. Prevent the spill from reaching sewer systems, waterways, basements, or confined areas. Wash and direct the spilled material to a wastewater treatment facility or proceed as follows: Contain and collect any spills using a non-combustible absorbent material such as sand, earth, vermiculite, or diatomaceous earth, and dispose of the product in a container in compliance with current regulations. Dispose of through an authorized waste disposal company.

6.4 Reference to other sections:

For emergency phone numbers, see Section 1.

See Section 8 for information on appropriate personal protective equipment.

For further information on waste treatment, refer to Section 13.

SECTION 7: HANDLING AND STORAGE

The information in this section contains general guidelines and warnings.

7.1 Precautions for safe handling

Protective measures : Wear appropriate protective equipment (see Section 8).

Warnings on general occupational hygiene practices: Eating, drinking, and smoking are prohibited in areas where the material is handled, stored, or processed. Individuals using the product must wash their hands and face before eating, drinking, or smoking. Remove contaminated clothing and protective equipment before entering designated dining areas. See Section 8 for further information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Keep in the original container, protected from direct sunlight, in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10), food, and beverages. Keep the container tightly closed and sealed until ready for use. Opened containers must be carefully resealed and kept upright to prevent accidental spills. Do not store in unlabeled containers. Provide adequate containment systems to prevent environmental contamination. Before handling or use, refer to Section 10 for information on incompatible materials.

7.3 Specific end uses:

Warnings : Not available.

Specific industry guidelines : Not available.

SECTION 8: EXPOSURE CONTROLS/PERSO NAL PROTECTION

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere, and biological monitoring may be required to determine the effectiveness of ventilation or other control measures and/or the need for respiratory protection devices.

Refer to monitoring standards such as:

European Standard EN 689 (Workplace atmosphere - Guidance for the assessment of inhalation exposure to chemical compounds for comparison with limit values and measurement strategy).

European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for assessing exposure to chemical and biological agents).

European Standard EN 482 (Workplace atmospheres - General performance requirements for procedures for measuring chemical agents).

National guidelines on methods for determining hazardous substances should also be consulted.

Nome del prodotto/ingrediente	Tipo	Esposizione	Valore	Popolazione	Effetti
1,2-benzisotiazol-3(2H)-one	DNEL	A lungo termine Per via cutanea	0.345 mg/ kg bw/ giorno	Popolazione generica	Sistemico
	DNEL	A lungo termine Per via cutanea	0.966 mg/ kg bw/ giorno	Lavoratori	Sistemico
	DNEL	A lungo termine Per inalazione	1.2 mg/m ³	Popolazione generica	Sistemico
	DNEL	A lungo termine Per inalazione	6.81 mg/m ³	Lavoratori	Sistemico
CMIT/MIT(3:1)	DNEL	A lungo termine Per inalazione	0.02 mg/m ³	Popolazione generica	Locale
	DNEL	A lungo termine Per inalazione	0.02 mg/m ³	Lavoratori	Locale
	DNEL	A breve termine Per inalazione	0.04 mg/m ³	Popolazione generica	Locale
	DNEL	A breve termine Per inalazione	0.04 mg/m ³	Lavoratori	Locale
	DNEL	A lungo termine Per via orale	0.09 mg/ kg bw/ giorno	Popolazione generica	Sistemico
	DNEL	A breve termine Per via orale	0.11 mg/ kg bw/ giorno	Popolazione generica	Sistemico

**SECTION 8:
EXPOSURE
CONTROLS/PERSO
NAL PROTECTION**

PNEC

No PNEC available.

8.2 Exposure Controls/Appropriate Technical Controls

: General good ventilation should be sufficient to control operators' exposure to airborne contaminants.

Individual protection measures

Hygienic measures : Before eating, smoking, and using the restroom, and at the end of the work period, thoroughly wash hands, arms, and face after handling chemicals. Use appropriate techniques to remove potentially contaminated clothing. Wash contaminated clothing before reuse. Ensure that eyewash stations and emergency showers are located near the work area.

Eye/face protection: Safety glasses complying with approved standards must be worn when a risk assessment indicates the necessity to prevent exposure to liquid splashes, sprays, gases, or dust. If contact is possible, use the following protective equipment unless a higher level of protection is required: protective goggles with side shields.

Protezione della pelle, Protezione delle mani :

Chemically resistant and waterproof gloves that comply with approved standards must always be worn when handling chemicals if the risk assessment indicates the need.

In case of prolonged or frequently repeated contact, a glove with protection class 6 is recommended (breakthrough time > 480 minutes, according to EN374).

Recommended gloves: Viton® or Nitrile, thickness ≥ 0.38 mm.

For short-term contact, a glove with protection class 2 or higher is recommended (breakthrough time > 30 minutes, according to EN374).

Recommended gloves: Nitrile, thickness ≥ 0.12 mm.

Gloves should be replaced regularly and if there are any signs of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

The user must ensure that the final choice of glove type for handling this product is the most appropriate and takes into account the specific conditions of use, as specified in the user's risk assessment.

Body protection device

Personal protective equipment for the body must be selected based on the anticipated risks associated with the task and approved by qualified personnel before being used for handling this product.

Other skin protection devices

Select appropriate footwear and any additional skin protection measures based on the activity being performed and the inherent risks. These choices must be approved by a specialist before handling this product.

Respiratory Protection

Based on the hazard and potential exposure, select a respirator that meets the appropriate standards and certification. Respirators must be used in accordance with a respiratory protection program to ensure proper fit, training, and other important aspects of use.

Dry sanding, flame cutting, and/or welding of painted surfaces may generate hazardous dust and/or fumes. Where possible, use wet sanding/grinding systems. If exposure cannot be avoided through the use of localized exhaust systems, wear appropriate respiratory protective equipment. Wear a certified disposable dust particle mask.

Environmental exposure controls

Emissions from ventilation systems or work processes should be monitored to ensure compliance with environmental protection regulations. In some cases, fume scrubbing, filter installation, or technical modifications to processing equipment may be necessary to reduce emissions to acceptable levels.

**SECTION 9:
PHYSICAL AND
CHEMICAL
PROPERTIES**

Unless otherwise stated, the measurement of all properties must be carried out under standard temperature and pressure conditions.

9.1 Information on fundamental physical and chemical properties

Appearance

Physical state: Liquid.

Color: White.

Odor: Characteristic.

Odor threshold: Not available.

Melting point/freezing point: Not available.

Boiling point, initial boiling point, and boiling range: 100°C (212°F)

Flammability: Not available.

Lower and upper explosive limits: Not available.

Flash point: Closed vessel: Not applicable. [Pensky-Martens]

Autoignition temperature:

Denominazione componente	°C	°F	Metodo
N-(2-metossifenil)-2-[(2-metossi-4-nitrofenil)azo]-3-ossobutirammina	180	356	VDI 2263
tributilammina	210	410	EU A.15
2-(2-metossietossi)etanolo	215	419	DIN 51794

Decomposition temperature: Not available.

pH : Not available. [DIN EN 1262]

Viscosity: Kinematic (at ambient temperature): 1056 mm²/s [DIN EN ISO 3219]

Kinematic (40°C): Not applicable. [DIN EN ISO 3219]

Solubility (in cold water): Soluble. [OECD (TG 105)]

Partition coefficient n-octanol/water: Not applicable.

Vapor pressure:

Denominazione componente	Pressione di vapore a 20 °C			Pressione di vapore a 50 °C		
	mm Hg	kPa	Metodo	mm Hg	kPa	Metodo
ammoniaca, soluzione acquosa	360.03	48				
glossale	15.15	2	EU A.4			
glossale	15.15	2	EU A.4			

Relative density: 1.515

Vapor density: Not available.

Particle characteristics

Median particle size: Not applicable.

Percentage of particles with aerodynamic diameter ≤ 10 µm: 0

**SECTION 10:
STABILITY AND
REACTIVITY**

10.1 Reactivity: There are no particular reaction hazards with other substances under normal conditions of use.

10.2 Chemical stability: The product is stable.

10.3 Possibility of dangerous reactions: Under normal conditions of use and storage, no hazardous reactions are expected.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: No specific data.

10.6 Hazardous decomposition products:

Under normal storage and usage conditions, no hazardous decomposition products should be generated.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes defined in Regulation (EC) No. 1272/2008
 No data is available on the mixture itself. This product is not classified as hazardous under Regulation (EC) No. 1272/2008 and its amendments.
 Repeated or prolonged contact with the mixture may remove the skin's natural oils, leading to non-allergic contact dermatitis and absorption through the skin.
 Contact with the liquid may cause irritation and reversible damage to the eyes.
 Delayed and immediate effects, as well as chronic effects of the components from short and long-term exposure via oral, dermal, inhalation, and eye contact, are considered where known.
 Contains 1,2-benzisothiazol-3(2H)-one, CMIT/MIT (3:1), octylisothiazolinone (ISO). May cause an allergic reaction.

ACUTE TOXICITY

Nome del prodotto/ ingrediente	Risultato	Specie	Dose	Esposizione
1,2-benzisotiazol-3(2H)-one OIT	DL50 Per via orale	Topo	1150 mg/kg	-
	DL50 Per via orale	Ratto	1020 mg/kg	-
	DL50 Per via cutanea	Coniglio	690 mg/kg	-
	DL50 Per via orale	Ratto	550 mg/kg	-

CONCLUSION/SUMMARY: NOT AVAILABLE.

ACUTE TOXICITY ESTIMATES

Nome del prodotto/ingrediente	Per via orale (mg/ kg)	Per via cutanea (mg/kg)	Inalazione (gas) (ppm)	Inalazione (vapori) (mg/l)	Inalazione (polveri e aerosol) (mg/l)
1,2-benzisotiazol-3(2H)-one	500	N/A	N/A	N/A	0.05
CMIT/MIT(3:1)	100	50	N/A	N/A	0.05
OIT	125	311	N/A	N/A	0.27

IRRITATION/CORROSION

Nome del prodotto/ ingrediente	Risultato	Specie	Punteggio	Esposizione	Osservazione
OIT	Occhi - Fortemente irritante	Coniglio	-	100 mg	-

Conclusion/Summary Sensitization: Not available.
 Conclusion/Summary Mutagenicity: Not available.
 Conclusion/Summary Carcinogenicity: Not available.
 Conclusion/Summary Reproductive Toxicity: Not available.
 Conclusion/Summary Teratogenicity: Not available.
 Conclusion/Summary: Not available.
 Specific Target Organ Toxicity (STOT) — Single Exposure: Not available.
 Specific Target Organ Toxicity (STOT) — Repeated Exposure: Not available.
 Aspiration Hazard: Not available.
 Information on Likely Routes of Exposure: Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential acute health effects :

Eye contact: No significant effects or critical hazards are known.
Inhalation: No significant effects or critical hazards are known.
Skin contact: No significant effects or critical hazards are known.
Ingestion: No significant effects or critical hazards are known.

Symptoms related to physical, chemical, and toxicological characteristics

Eye contact: No specific data.
Inhalation: No specific data.
Skin contact: No specific data.
Ingestion: No specific data.

Immediate, delayed, and chronic effects resulting from short-term and long-term exposure

Short-term exposure
Potential immediate effects: Not available.
Potential delayed effects: Not available.

Long-term exposure

Potential immediate effects: Not available.
Potential delayed effects: Not available.
Potential Chronic Health Effects: Not available.

Conclusion/Summary: Not available.

General: No significant effects or critical hazards are known.
Carcinogenicity: No significant effects or critical hazards are known.
Mutagenicity: No significant effects or critical hazards are known.
Reproductive Toxicity: No significant effects or critical hazards are known.

11.2 Information on other hazards:

11.2.1 Endocrine disruption properties

This mixture does not contain substances evaluated as endocrine disruptors.

11.2.2 Other information: No additional information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

There is no available data on the mixture itself.

Do not disperse the product into the sewage system and watercourses.

The mixture has been evaluated following the summation method of the CLP Regulation (EC) No. 1272/2008 and is not classified as hazardous to the environment, but it contains one or more substances hazardous to the environment. See Section 3 for further details.

Nome del prodotto/ ingrediente	Risultato	Specie	Esposizione
diossido di titanio 1,2-benzisotiazol-3(2H)-one OIT	Acuto CL50 >1000 mg/l Acqua fresca	Pesce - Pimephales promelas	96 ore
	Acuto EC50 97 ppb Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto EC50 2.24 ppm Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto EC50 3.7 ppm Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto EC50 1.1 ppm Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto EC50 2 ppm Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto CL50 10 a 20 mg/l Acqua fresca	Crostacei - Ceriodaphnia dubia	48 ore
	Acuto CL50 540 ppb Acqua fresca	Pesce - Lepomis macrochirus	96 ore
	Acuto CL50 167 ppb Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
	Acuto CL50 0.75 ppm Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
	Acuto CL50 1.8 ppm Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
	Acuto CL50 1.6 ppm Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
	Acuto EC10 0.000224 mg/l	Alghe - Navicula peliculosa	48 ore
	Acuto EC50 0.084 mg/l	Alghe - Desmodesmus subspicatus	72 ore
	Acuto EC50 0.00129 mg/l	Alghe - Navicula peliculosa	48 ore
	Acuto EC50 0.42 mg/l	Dafnia	48 ore
	Acuto EC50 107 ppb Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto EC50 180 ppb Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto EC50 320 ppb Acqua fresca	Dafnia - Daphnia magna	48 ore
	Acuto CL50 154 ppb Acqua fresca	Pesce - Notemigonus crysoleucas	96 ore
	Acuto CL50 47 ppb Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
	Acuto CL50 50 ppb Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
	Acuto CL50 65.5 ppb Acqua fresca	Pesce - Oncorhynchus mykiss	96 ore
Acuto CL50 140 ppb Acqua fresca	Pesce - Pimephales promelas	96 ore	
Cronico NOEC 8.5 ppb	Pesce - Pimephales promelas	35 giorni	

**SECTION 12:
ECOLOGICAL
INFORMATION**

Conclusion/Summary: Not available.
12.2 Persistence and Degradability:
Conclusion/Summary: Not available.
12.3 Bioaccumulation Potential:

Nome del prodotto/ ingrediente	LogP _{ow}	BCF	Potenziale
OIT	2.45	-	bassa

12.4 Soil Mobility

Soil/water partition coefficient (KOC): Not available.

Mobility: Not available.

12.5 PBT and vPvB Assessment Results

This mixture does not contain substances evaluated as PBT or vPvB.

12.6 Endocrine Disruption Properties

This mixture does not contain substances evaluated as endocrine disruptors.

12.7 Other Adverse Effects

No significant effects or critical hazards are known.

**SECTION 13:
DISPOSAL
CONSIDERATIONS**

The information contained in this section provides general guidance and warnings. Please refer to the list of Identified Uses in Section 1 for specific information provided in the exposure scenario(s).

13.1 Waste Treatment Methods

Product

Disposal Methods

Waste generation should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products must be carried out in compliance with environmental protection regulations and waste disposal laws, as well as the requirements of any relevant local authority. Excess products and non-recyclable waste should be disposed of by a licensed waste disposal company. Untreated waste should not be disposed of in the sewage system unless fully compliant with the requirements of each entity and regulation.

Hazardous Waste Based on the supplier's current knowledge, this product is not classified as hazardous waste according to EU Directive 2008/98/EC.

Disposal Considerations Do not release the product into the sewage system or watercourses. Dispose of it in accordance with applicable regional, state, and local laws. If this product is mixed with other waste, the original waste code will no longer apply, and an appropriate code must be assigned. For further information, contact the responsible waste disposal authority.

European Waste Catalogue (Catalogo europeo dei rifiuti)

According to the European Waste Catalogue (EWC), the product at the time of disposal is classified as:

Codice rifiuto	Designazione rifiuti
EWC 08 01 12	pitture e vernici di scarto, diverse da quelle di cui alla voce 08 01 11

Packaging

Disposal methods: Waste generation should be avoided or minimized whenever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Disposal considerations: Using the information provided in this safety data sheet, contact the appropriate waste disposal authority for guidance regarding the classification of empty containers. Empty containers must be discarded or reconditioned. Dispose of containers contaminated with the product in accordance with local or national regulations.

Special precautions: "Do not dispose of the product and container without the necessary precautions. Empty containers or liners may retain residues of the product. Avoid the spillage and runoff of any material and contact with soil, watercourses, drains, and sewers."

**SECTION 14:
TRANSPORT
INFORMATION**

	ADR/RID	IMDG
14.1 Numero ONU o numero ID	Non regolamentato.	Non regolamentato.
14.2 Nome di spedizione dell'ONU	-	-
14.3 Classi di pericolo connesso al trasporto	-	-
14.4 Gruppo di imballaggio	-	-
14.5 Pericoli per l'ambiente	No.	No.

14.6 Special precautions for users: Transportation within the user's premises: always transport in closed containers, stored vertically and secured to the transport vehicle. Ensure that the persons carrying out the transport are qualified to intervene effectively in the event of an accident and/or spill.

14.7 Bulk transport according to IMO regulations: Not applicable.

**SECTION 15.
REGULATORY
INFORMATION.**

15.1 Legislative and regulatory provisions on health, safety, and environment specific to the substance or mixture.

Regulation UE (CE) n. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV :None of the components are listed

Substances of very high concern: None of the components are listed

Annex XVII - Restrictions on the manufacture, placing on the market, and use of certain hazardous substances, preparations, and articles: Not available.

Other regulation UE

VOC: Not available.

COV For ready-to-use mixtures : Not applicable.

Industrial emissions (integrated pollution prevention and reduction) - Air:
Not listed

Industrial emissions (integrated pollution prevention and reduction) - Water:
Not listed

Substances harmful to the ozone layer (1005/2009/UE)

Not listed

Subject to informed consent (PIC - Prior Inform Consent) (649/2012/UE)

Not listed

To persistent organic pollutants

Not listed

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

Biocides Regulation D.Lgs. 152/06: Not determined.

International Regulations

Chemical Weapons Convention - Tables I, II, and III Chemical Compounds: Not listed.

Montreal Protocol: Not listed.

Stockholm Convention on Persistent Organic Pollutants: Not listed.

Rotterdam Convention on Prior Informed Consent (PIC): Not listed.

UNECE Protocol to the Aarhus Convention on Persistent Organic Pollutants and Heavy Metals:
Not listed.

15.2 Chemical safety assessment: No chemical safety assessment has been carried out.

**SECTION 16:
OTHER
INFORMATION**

Indicates the information that has changed compared to the previous edition.

Abbreviations and acronyms:

ATE = Estimate of Acute Toxicity

CLP = Classification, Labeling, and Packaging [Regulation (CE) N. 1272/2008]

DMEL = Minimal effect level

DNEL = No effect level

Indication EUH = Specific risk provisions under the regulation CLP

N/A = Not available

PBT = Persistent, Bioaccumulative, Toxic (PBT)

PNEC = Predictable Concentration Without Effects

RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification under the regulation (CE) N. 1272/2008 [CLP/GHS]

Not classified.

FULL TEXTS OF THE ABBREVIATED HAZARD STATEMENTS

H301	Tossico se ingerito.
H302	Nocivo se ingerito.
H310	Letale per contatto con la pelle.
H311	Tossico per contatto con la pelle.
H314	Provoca gravi ustioni cutanee e gravi lesioni oculari.
H315	Provoca irritazione cutanea.
H317	Può provocare una reazione allergica cutanea.
H318	Provoca gravi lesioni oculari.
H330	Letale se inalato.
H351	Sospettato di provocare il cancro.
H400	Molto tossico per gli organismi acquatici.
H410	Molto tossico per gli organismi acquatici con effetti di lunga durata.
H411	Tossico per gli organismi acquatici con effetti di lunga durata.
EUH071	Corrosivo per le vie respiratorie.

FULL TEXTS OF THE CLASSIFICATIONS [CLP/GHS]

Acute Tox. 2	TOSSICITÀ ACUTA - Categoria 2
Acute Tox. 3	TOSSICITÀ ACUTA - Categoria 3
Acute Tox. 4	TOSSICITÀ ACUTA - Categoria 4
Aquatic Acute 1	PERICOLO A BREVE TERMINE (ACUTO) PER L'AMBIENTE ACQUATICO - Categoria 1
Aquatic Chronic 1	PERICOLO A LUNGO TERMINE (CRONICO) PER L'AMBIENTE ACQUATICO - Categoria 1
Aquatic Chronic 2	PERICOLO A LUNGO TERMINE (CRONICO) PER L'AMBIENTE ACQUATICO - Categoria 2
Carc. 2	CANCEROGENICITÀ - Categoria 2
Eye Dam. 1	GRAVI LESIONI OCULARI/IRRITAZIONE OCULARE - Categoria 1
Skin Corr. 1	CORROSIONE/IRRITAZIONE DELLA PELLE - Categoria 1
Skin Corr. 1C	CORROSIONE/IRRITAZIONE DELLA PELLE - Categoria 1C
Skin Irrit. 2	CORROSIONE/IRRITAZIONE DELLA PELLE - Categoria 2
Skin Sens. 1	SENSIBILIZZAZIONE DELLA PELLE - Categoria 1
Skin Sens. 1A	SENSIBILIZZAZIONE DELLA PELLE - Categoria 1A

**SECTION 16:
OTHER
INFORMATION**

IMPORTANT NOTE: The information provided in this datasheet should not be considered exhaustive and is based on our current technical knowledge and applicable laws: anyone using the product for purposes other than those specifically suggested in the technical sheet, without first obtaining our written authorization, does so at their own risk. It is always the responsibility of the user to take all necessary measures to comply with local legal requirements. Always read the safety data sheet and technical data sheet of this product, if available. All suggestions or statements made by us regarding the product (whether in this datasheet or otherwise) are accurate to the best of our knowledge; however, we do not control the quality or condition of the substrate or the many external factors that affect the use and application of the product. Therefore, unless specifically agreed in writing, we accept no responsibility for the performance of the product or for losses or damages resulting from its use. All products and technical advice provided are in accordance with our standard terms and conditions of sale. We recommend requesting a copy of this document and reviewing it carefully. The information contained in this datasheet is subject to periodic changes, based on acquired experiences and our continuous development policy. It is the responsibility of the user to verify that this datasheet is up to date before using the product.