

**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE**



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

- 1.1 Product identifier:** 632000002 - FONDO PROTECTOR INSECTIDA AL DISOLVENTE
Other means of identification:
UFI: 37N7-C0CW-800P-HF5F
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
 Relevant uses: Interior/exterior paint or lining for wood, metal, etc.... For professional users/industrial user only.
 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:**
 EUPINCA
 C/ Londres, 13 - Pol. Ind. Cabezo Beaza
 30353 Cartagena - Murcia - España
 Phone: +34 968089000
 info@grupotkrom.com
 https://www.tkrom.com/
- 1.4 Emergency telephone number:** +34 968 08 90 00 (Oficce hours)

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
 Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
 Acute Tox. 3: Acute inhalation toxicity, Category 3, H331
 Aquatic Acute 1: Hazardous to the aquatic environment, acute hazard, Category 1, H400
 Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410
 Asp. Tox. 1: Aspiration hazard, Category 1, H304
 Flam. Liq. 3: Flammable liquids, Category 3, H226
 STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger



Hazard statements:

Acute Tox. 3: H331 - Toxic if inhaled.
 Aquatic Acute 1: H400 - Very toxic to aquatic life.
 Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
 Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
 Flam. Liq. 3: H226 - Flammable liquid and vapour.
 STOT SE 3: H336 - May cause drowsiness or dizziness.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P370+P378: In case of fire: Use ABC powder extinguisher to extinguish.
 P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

EUH066: Repeated exposure may cause skin dryness or cracking.
 EUH208: Contains 3-iodo-2-propynyl Butylcarbamate, permethrin (ISO), propiconazole(ISO). May produce an allergic reaction.

Substances that contribute to the classification

** Changes with regards to the previous version

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**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE****SECTION 2: HAZARDS IDENTIFICATION ** (continued)**

Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7; 2-butoxyethanol; 3-iodo-2-propynyl Butylcarbamate

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substance:**

Non-applicable

3.2 Mixture:**Chemical description:** Mixture composed of additives, aggregates, colourants, pigments, plasticizers and resins in solvents**Components:**

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

Identification	Chemical name/Classification		Concentration
CAS: 64742-48-9 EC: 265-150-3 Index: 649-327-00-6 REACH: 01-2119486659-16-XXXX	Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 ¹	ATP ATP01	75 - <100 %
	Regulation 1272/2008	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Danger	
CAS: 111-76-2 EC: 203-905-0 Index: 603-014-00-0 REACH: 01-2119475108-36-XXXX	2-butoxyethanol ¹	ATP ATP18	2,5 - <10 %
	Regulation 1272/2008	Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Danger	
CAS: 8042-47-5 EC: 232-455-8 Index: Non-applicable REACH: 01-2119487078-27-XXXX	White mineral oil, <=20.5mm2/s (40°C) ¹	Self-classified	2,5 - <10 %
	Regulation 1272/2008	Asp. Tox. 1: H304 - Danger	
CAS: 55406-53-6 EC: 259-627-5 Index: 616-212-00-7 REACH: 01-2120762115-60-XXXX	3-iodo-2-propynyl Butylcarbamate ¹	ATP ATP06	<1 %
	Regulation 1272/2008	Acute Tox. 3: H331; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT RE 1: H372 - Danger	
CAS: 52645-53-1 EC: 258-067-9 Index: 613-058-00-2 REACH: Non-applicable	permethrin (ISO) ¹	ATP CLP00	<1 %
	Regulation 1272/2008	Acute Tox. 4: H302+H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1: H317 - Warning	
CAS: 60207-90-1 EC: 262-104-4 Index: 613-205-00-0 REACH: Non-applicable	propiconazole(ISO) ¹	ATP ATP13	<1 %
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Repr. 1B: H360D; Skin Sens. 1: H317 - Danger	

¹ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

Other information:

Identification		M-factor	
3-iodo-2-propynyl Butylcarbamate		Acute	10
CAS: 55406-53-6	EC: 259-627-5	Chronic	1
permethrin (ISO)		Acute	1000
CAS: 52645-53-1	EC: 258-067-9	Chronic	1000

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
2-butoxyethanol	LD50 oral	1200 mg/kg (ATEi)	Rat
CAS: 111-76-2	LD50 dermal	Non-applicable	
EC: 203-905-0	LC50 inhalation	3 mg/L (ATEi)	

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Acute toxicity		Genus
3-iodo-2-propynyl Butylcarbamate	LD50 oral	Non-applicable	
CAS: 55406-53-6	LD50 dermal	Non-applicable	
EC: 259-627-5	LC50 inhalation	3 mg/L (ATEi)	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

Request medical assistance immediately, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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.

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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. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

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. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for 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

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

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**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)****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		Occupational exposure limits		
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0		IOELV (8h)	20 ppm	98 mg/m ³
		IOELV (STEL)	50 ppm	246 mg/m ³

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	1286,4 mg/m ³	1066,67 mg/m ³	Non-applicable	837,5 mg/m ³
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	89 mg/kg	Non-applicable	125 mg/kg	Non-applicable
	Inhalation	1091 mg/m ³	246 mg/m ³	98 mg/m ³	Non-applicable
White mineral oil, <=20.5mm ² /s (40°C) CAS: 8042-47-5 EC: 232-455-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	217,05 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	164,56 mg/m ³	Non-applicable
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2 mg/kg	Non-applicable
	Inhalation	0,07 mg/m ³	1,16 mg/m ³	0,023 mg/m ³	1,16 mg/m ³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	1152 mg/m ³	640 mg/m ³	Non-applicable	178,57 mg/m ³
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	Oral	Non-applicable	Non-applicable	6,3 mg/kg	Non-applicable
	Dermal	89 mg/kg	Non-applicable	75 mg/kg	Non-applicable
	Inhalation	426 mg/m ³	147 mg/m ³	59 mg/m ³	Non-applicable
White mineral oil, <=20.5mm ² /s (40°C) CAS: 8042-47-5 EC: 232-455-8	Oral	Non-applicable	Non-applicable	25 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	93,02 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	34,78 mg/m ³	Non-applicable

PNEC:

Identification					
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	STP	463 mg/L	Fresh water	8,8 mg/L	
	Soil	2,33 mg/kg	Marine water	0,88 mg/L	
	Intermittent	26,4 mg/L	Sediment (Fresh water)	34,6 mg/kg	
	Oral	0,02 g/kg	Sediment (Marine water)	3,46 mg/kg	
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5	STP	0,44 mg/L	Fresh water	0,001 mg/L	
	Soil	0,005 mg/kg	Marine water	0 mg/L	
	Intermittent	0,001 mg/L	Sediment (Fresh water)	0,017 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	0,002 mg/kg	

8.2 Exposure controls:

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

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In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional 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	Chemical protective gloves (Material: Nitrile, Thickness: 0.5 mm)	 CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

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	Face shield	 CAT II	EN 166:2002 EN 167:2002 EN 168:2002 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
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	 CAT III	EN 1149-1:2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	 CAT III	EN ISO 13287:2020 EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.

F.- Additional emergency measures

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

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): 92,41 % weight

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

V.O.C. density at 20 °C: 713,31 kg/m³ (713,31 g/L)

Average carbon number: 8,81

Average molecular weight: 129,23 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: 713,31 kg/m³ (713,31 g/L)

EU limit for the product (Cat. A.H): 750 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: Liquid

Appearance: Characteristic

Colour: Colourless

Odour: Not available

Odour threshold: Non-applicable *

Volatility:

Boiling point at atmospheric pressure: 151 °C

Vapour pressure at 20 °C: 501 Pa

Vapour pressure at 50 °C: 2828,52 Pa (2,83 kPa)

Evaporation rate at 20 °C: Non-applicable *

Product description:

Density at 20 °C: 771,9 kg/m³

Relative density at 20 °C: 0,772

Dynamic viscosity at 20 °C: Non-applicable *

Kinematic viscosity at 20 °C: Non-applicable *

Kinematic viscosity at 40 °C: <20,5 mm²/s

Concentration: Non-applicable *

pH: Non-applicable *

Vapour density at 20 °C: Non-applicable *

Partition coefficient n-octanol/water 20 °C: Non-applicable *

Solubility in water at 20 °C: Non-applicable *

Solubility properties: Non-applicable *

Decomposition temperature: Non-applicable *

Melting point/freezing point: Non-applicable *

Flammability:

Flash Point: 24 °C

Flammability (solid, gas): Non-applicable *

Autoignition temperature: 200 °C

Lower flammability limit: Not available

Upper flammability limit: Not available

Particle characteristics:

Median equivalent diameter: Non-applicable

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

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**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)****9.2 Other information:****Information with regard to physical hazard classes:**

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *

Other safety characteristics:

Surface tension at 20 °C:	Non-applicable *
Refraction index:	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 from Safety Data Sheet.

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	Risk of combustion	Avoid direct impact	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

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):

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**632000002 - FONDO PROTECTOR INSECTIDA AL
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- Acute toxicity : Inhalation after prolonged exposure may be lethal.
- Corrosivity/Irritability: 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.
- 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, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: 2-butoxyethanol (3); White mineral oil, $\leq 20.5\text{mm}^2/\text{s}$ (40°C) (3); permethrin (ISO) (3); Naphtha (petroleum), hydrotreated heavy, $< 0.1\%$ EC 200-753-7 (3)
 - Mutagenicity: 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.
 - Reproductive toxicity: 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.
- 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: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- F- Specific target organ toxicity (STOT) - single exposure:
Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- 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: Repeated exposure may cause skin dryness or cracking
- H- Aspiration hazard:
The consumption of a considerable dose can cause pulmonary damage.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	LD50 oral	1200 mg/kg (ATEi)	Rat
	LD50 dermal	3000 mg/kg	Rabbit
	LC50 inhalation	3 mg/L (ATEi)	
Naphtha (petroleum), hydrotreated heavy, $< 0.1\%$ EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3	LD50 oral	15000 mg/kg	Rat
	LD50 dermal	3160 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	
White mineral oil, $\leq 20.5\text{mm}^2/\text{s}$ (40°C) CAS: 8042-47-5 EC: 232-455-8	LD50 oral	> 5000 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5	LD50 oral	1100 mg/kg	Rat
	LD50 dermal	2100 mg/kg	Rabbit
	LC50 inhalation	3 mg/L (ATEi)	
permethrin (ISO) CAS: 52645-53-1 EC: 258-067-9	LD50 oral	410 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	

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**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE****SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Identification	Acute toxicity		Genus
propiconazole(ISO)	LD50 oral	1517 mg/kg	Rat
CAS: 60207-90-1	LD50 dermal	Non-applicable	
EC: 262-104-4	LC50 inhalation	Non-applicable	

11.2 Information on other hazards:**Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not 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

Very toxic to aquatic life with long lasting effects.

12.1 Toxicity:**Acute toxicity:**

Identification	Concentration		Species	Genus
Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3	LC50	2200 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1000 mg/L (96 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	LC50	1490 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	1815 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	911 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5	LC50	0,07 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	0,09 mg/L (96 h)	Mysidopsis bahia	Crustacean
	EC50	0,05 mg/L (72 h)	Scenedesmus subspicatus	Algae
permethrin (ISO) CAS: 52645-53-1 EC: 258-067-9	LC50	0,0025 mg/L (96 h)	Salmo gairdneri	Fish
	EC50	0,0001 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
propiconazole(ISO) CAS: 60207-90-1 EC: 262-104-4	LC50	5,3 mg/L (96 h)	Salmo gairdneri	Fish
	EC50	10,2 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	0,76 mg/L (72 h)	Scenedesmus subspicatus	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	NOEC	100 mg/L	Danio rerio	Fish
	NOEC	100 mg/L	Daphnia magna	Crustacean
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5	NOEC	0,0084 mg/L	Pimephales promelas	Fish
	NOEC	0,0499 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:**Substance-specific information:**

Identification	Degradability		Biodegradability	
Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3	BOD5	Non-applicable	Concentration	Non-applicable
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	89,9 %
2-butoxyethanol CAS: 111-76-2 EC: 203-905-0	BOD5	0,71 g O2/g	Concentration	100 mg/L
	COD	2,2 g O2/g	Period	14 days
	BOD5/COD	0,32	% Biodegradable	96 %

12.3 Bioaccumulative potential:**Substance-specific information:**

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**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE****SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Bioaccumulation potential	
2-butoxyethanol	BCF	3
CAS: 111-76-2	Pow Log	0.83
EC: 203-905-0	Potential	Low
3-iodo-2-propynyl Butylcarbamate	BCF	36
CAS: 55406-53-6	Pow Log	2.4
EC: 259-627-5	Potential	Moderate
permethrin (ISO)	BCF	560
CAS: 52645-53-1	Pow Log	6.5
EC: 258-067-9	Potential	High
propiconazole(ISO)	BCF	146
CAS: 60207-90-1	Pow Log	3.72
EC: 262-104-4	Potential	High

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7	Koc	100	Henry	Non-applicable
CAS: 64742-48-9	Conclusion	High	Dry soil	Non-applicable
EC: 265-150-3	Surface tension	Non-applicable	Moist soil	Non-applicable
2-butoxyethanol	Koc	8	Henry	1,621E-1 Pa·m³/mol
CAS: 111-76-2	Conclusion	Very High	Dry soil	No
EC: 203-905-0	Surface tension	2,729E-2 N/m (25 °C)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not 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	Hazardous

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

HP14 Ecotoxic, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP3 Flammable, HP6 Acute Toxicity

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-hazardous 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**Transport of dangerous goods by land:**

With regard to ADR 2023 and RID 2023:

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632000002 - FONDO PROTECTOR INSECTIDA AL DISOLVENTE



SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number or ID number:** UN1993
14.2 UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7; 3-iodo-2-propynyl Butylcarbamate)
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Environmental hazards: Yes
14.6 Special precautions for user
Special regulations: 274, 601
Tunnel restriction code: D/E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 40-20:



- 14.1 UN number or ID number:** UN1993
14.2 UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7; 3-iodo-2-propynyl Butylcarbamate)
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Marine pollutant: Yes
14.6 Special precautions for user
Special regulations: 274, 223, 955
EmS Codes: F-E, S-E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
Segregation group: Non-applicable
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2023:



- 14.1 UN number or ID number:** UN1993
14.2 UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7; 3-iodo-2-propynyl Butylcarbamate)
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Environmental hazards: Yes
14.6 Special precautions for user
Physico-Chemical properties: see section 9
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

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 3-iodo-2-propynyl Butylcarbamate, propiconazole(ISO).

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

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**632000002 - FONDO PROTECTOR INSECTIDA AL
DISOLVENTE****SECTION 15: REGULATORY INFORMATION (continued)**

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: 3-iodo-2-propynyl Butylcarbamate (Product-type 6, 7, 8, 9, 10, 13) ; permethrin (ISO) (Product-type 8, 18) ; propiconazole(ISO) (Product-type 7, 8, 9)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Contains permethrin (ISO) ; propiconazole(ISO)

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
H2	ACUTE TOXIC	50	200
P5c	FLAMMABLE LIQUIDS	5000	50000
E1	ENVIRONMENTAL HAZARDS	100	200

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.

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.:

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

- Precautionary statements

Texts of the legislative phrases mentioned in section 2:

- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H336: May cause drowsiness or dizziness.
- H331: Toxic if inhaled.
- H304: May be fatal if swallowed and enters airways.
- H226: Flammable liquid and vapour.

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:



SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 3: H331 - Toxic if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Repr. 1B: H360D - May damage the unborn child.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Aquatic Acute 1: Calculation method
Aquatic Chronic 1: Calculation method
STOT SE 3: Calculation method
Acute Tox. 3: Calculation method
Asp. Tox. 1: Calculation method
Flam. Liq. 3: Calculation method (2.6.4.3)

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:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

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.

- END OF SAFETY DATA SHEET -