



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

1.1 Product identifier:

XYLOFARM AOUA KILLER - Extra strong woodworm killer

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

Relevant uses: Woodworm killer

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:

EVOCHEM S.A. Tzaverdella Place 133 41 PHILI , ATTICA - GREECE Phone.: 0030 210 5590460 , 0030 210 5590155 -Fax: 0030 210 6254737 , 0030 210 5590244 info@evochem.gr; vmergoupis@evochem.gr; sales@evochem.gr www.evochem.gr

1.4 Emergency telephone number: National Poisoning Center 2107793777

## SECTION 2: HAZARDS IDENTIFICATION 2.1. Classification of the substance or mixture Skin Irrit. 2; H315 Skin Sens. 1: H317 Eye Irrit. 2; H319 Aquatic Chronic 1; H410 : DGEBE See full text of H-phrases in section 2.2. 2.2. Label elements Hazard pictogram(s) Signal word Warning Hazard statement(s) Causes skin irritation. (H315) May cause an allergic skin reaction. (H317) Causes serious eye irritation. (H319) Very toxic to aquatic life with long lasting effects. (H410) Do not use in paint spraying equipment. (DGEBE) Safety statement(s) General Avoid breathing mist/vapours/fume/spray. (P261). Prevention Wash hands/exposed areas/exposed skin/hands and exposed skin thoroughly after handling. (P264). Contaminated work clothing should not be allowed out of the workplace. (P272). Avoid release to the environment. (P273). Wear protective gloves/protective clothing. (P280). Response IF ON SKIN: Wash with plenty of protective gloves/protective clothing. (P302+P352). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) If skin irritation occurs: Get medical advice/attention. (P332+P313). Storage Disposal Identity of the substances primarily responsible for the major health hazards m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat 2.3. Other hazards This product contains an organic solvent. Repeated or prolonged exposure to organic solvents may result in adverse effects to the nervous system and internal organs such as liver and kidneys. **Additional labelling Additional warnings** VOC - CONTINUED ON NEXT PAGE -





## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1/3.2. Substances/Mixtures

NAME: IDENTIFICATION NOS.: CONTENT: CLP CLASSIFICATION: NOTE:	(2-methoxymethylethoxy)propanol CAS-no: 34590-94-8 EC-no: 252-104-2 REACH-no: 01-2119450011-60 15-25% NA SL
NAME:	1-butoxypropan-2-ol
IDENTIFICATION NOS.:	CAS-no: 5131-66-8 EC-no: 225-878-4 Index-no: 603-052-00-8
CONTENT:	10-15%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2
	H315, H319
NOTE:	S
NAME:	ENTOXYLATED POLY ARYLPHENOL
IDENTIFICATION NOS.:	CAS-no: 99734-09-5 Index-no: 00042
CONTENT:	10-15%
CLP CLASSIFICATION:	Aquatic Chronic 3
	H412
NAME:	m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat
IDENTIFICATION NOS .:	CAS-no: 52645-53-1 EC-no: 258-067-9 Index-no: 613-058-00-2
CONTENT:	1-3%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1
	H302, H317, H332, H400, H410 (M-chronic = 1000)
NAME:	propan-2-ol
IDENTIFICATION NOS .:	CAS-no: 67-63-0 EC-no: 200-661-7 REACH-no: 01-2119457558-25 Index-no: 603-117-00-0
CONTENT:	1-3%
CLP CLASSIFICATION:	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
	H225, H319, H336
NOTE:	S
NAME:	2-Ethylhexanol propoxylated ethoxylated polymer
IDENTIFICATION NOS .:	CAS-no: 64366-70-7
CONTENT:	1-3%
CLP CLASSIFICATION:	Aquatic Chronic 3
	H412

(\*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available. S = Organic solvent L = European occupational exposure limit.

# Other information

ATEmix(inhale, vapour) = 0,4 - <= 0.5 ATEmix(inhale, dust/mist) = 0,04 - <= 0.05 ATEmix(inhale, gas) = 80 - <= 100 ATEmix(Dermal) = 240 - 360 ATEmix(oral) = 400 - 600 Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 8 - 12 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 8 - 12

# SECTION 4: FIRST AID MEASURES

## 4.1. Description of first aid measures

## General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

## Inhalation

Bring the person into fresh air and stay with him.

# Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

## Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least





# **SECTION 4: FIRST AID MEASURES**

15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

**Burns** 

Not applicable

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

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If skin irritation occurs: Get medical advice/attention.

Information to medics Bring this safety data sheet.

# SECTION 5: FIREFIGHTING MEASURES

## 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Halogenated compounds. Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

# 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.





## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures No specific requirements.

## **6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

# 6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

## 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

# SECTION 7: HANDLING AND STORAGE

## 7.1. Precautions for safe handling

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Beware, this chemical can form peroxides. The potential contents of peroxide must be controlled regularly after opening, for example every 6th month.

## Storage temperature

# No data available.

## 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

#### OEL

propan-2-ol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 400 ppm | 999 mg/m<sup>3</sup> Short-term exposure limit (15-minute reference period): 500 ppm | 1250 mg/m<sup>3</sup>

(2-methoxymethylethoxy)propanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 50 ppm | 308 mg/m<sup>3</sup> Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Comments: Sk (Sk = Can be absorbed through skin. )

## DNEL / PNEC

No data available

#### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis. **General recommendations** 

Observe general occupational hygiene standards.

#### **Exposure scenarios**

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.





## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

## **Exposure limits**

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

## Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### **Hygiene measures**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

# Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment



## Generally

Use only CE marked protective equipment.

## **Respiratory Equipment**

If ventilation at the work place is insufficient, use a half- or whole mask with an appropriate filter or an airsupplied breathing apparatus depending on the concrete work situation and how long you will be using the product.

# **Skin protection**

Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

# Hand protection

Recommended: Nitrile rubber. See the manufacturer's instructions.

# Eye protection

Wear safety glasses with side shields.





SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
9.1. Information on basic physical and che	mical properties		
Form	Liquid		
Colour	Yellowish		
Odour	Characteristic		
pH	3,5		
Viscosity (40°C)	No data available.		
Density (g/cm <sup>3</sup> )	1,005		
Phase changes			
Melting point (°C)	No data available.		
Boiling point (°C)	No data available.		
Vapour pressure	No data available.		
Data on fire and explosion hazards			
Flashpoint (°C)	No data available.		
Ignition (°C)	No data available.		
Self-ignition (°C)	No data available.		
Explosion limits (Vol %)	No data available.		
Solubility			
Solubility in water	Soluble		
n-octanol/water coefficient	No data available.		
9.2. Other information			
Solubility in fat (g/L)	No data available.		
SECTION 10: STABILITY AND REACTIVITY	/		

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

- 10.3. Possibility of hazardous reactions No special
- 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

**10.5. Incompatible materials** 

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

# 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.





## SECTION 11: TOXICOLOGICAL INFORMATION

# 11.1. Information on toxicological effects

Acute toxicity				
Substance	Species	Test	Route of exposure	Result
2-Ethylhexanol propoxylated et	Rat	LD50	Oral	2645 mg/kg
2-Ethylhexanol propoxylated et	Rat	LD50	Dermal	>4000 mg/kg
2-Ethylhexanol propoxylated et	Rat	LD50	Inhalation	2,76 mg/l
propan-2-ol	Rat	LD50	Oral	12800 mg/kg
propan-2-ol	Rat	LD50	Dermal	12800 mg/kg
propan-2-ol	Rat	LC50	Inhalation	72,6 mg/l/4 t.
m-phenoxybenzyl-3-(2,2-dichlor	Rat	LD50	Oral	480-554 mg/kg bw
m-phenoxybenzyl-3-(2,2-dichlor	Rat	LD50	Dermal	>2000 mg/kg bw
m-phenoxybenzyl-3-(2,2-dichlor	Rat	LC50	Inhalation	23,5 mg/l
(2-methoxymethylethoxy)propano	Rat	LD50	Oral	>5000 mg/kg
(2-methoxymethylethoxy)propano	Rat	LC50	Inhalation	>275 ppm (7 timer)
(2-methoxymethylethoxy)propano	Rabbit	LD50	Dermal	>19020 mg/kg

# Skin corrosion/irritation

Causes skin irritation.

Data on substance: (2-methoxymethylethoxy)propanol Test: OECD Guideline 404 Organism: Rabbit Duration of Exposure: -Observation Period: -Result: Ikke irriterende

Data on substance: m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat Test: no guideline followed Organism: Rabbit Duration of Exposure: -Observation Period: -Result: Slight- irritant to skin of rabbits Serious eye damage/irritation

Causes serious eye irritation.

Data on substance: m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat Test: no guideline followed Organism: Rabbit Duration of Exposure: -Observation Period: -Result: Mild-irritant to eyes og rabbits

Data on substance: (2-methoxymethylethoxy)propanol Test: no guideline followed Result: Ikke irriterende

# Respiratory or skin sensitisation

May cause an allergic skin reaction. Data on substance: m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2dimethylcyclopropancarboxylat Organism: -Duration of Exposure: -Observation Period: -

Result: Non-Sensitiser

# Germ cell mutagenicity

Data on substance: m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat No adverse effect observed.

Data on substance: (2-methoxymethylethoxy)propanol No adverse effect observed.

# Carcinogenicity

Data on substance: m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat No adverse effect observed.

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# SECTION 11: TOXICOLOGICAL INFORMATION (continue)

Data on substance: (2-methoxymethylethoxy)propanol Test: -

# Organism: Rat

No adverse effect observed.

## **Reproductive toxicity**

Data on substance: m-phenoxybenzyl-3-(2,2-dichlorvinyl)-2,2-dimethylcyclopropancarboxylat No adverse effect observed.

Data on substance: (2-methoxymethylethoxy)propanol Test: OECD 421 Organism: Rat

No adverse effect observed.

# **STOT-single exposure**

No data available.

#### **STOT-repeated exposure** No data available.

Aspiration hazard

# No data available.

Long term effects

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

ECTION 12: ECOLOGICAL INF	ORMATIO	N			
12.1. Toxicity					
Substance		Species	Test	Duration	Result
propan-2-ol propan-2-ol propan-2-ol m-phenoxybenzyl-3-(2,2-dich m-phenoxybenzyl-3-(2,2-dich m-phenoxybenzyl-3-(2,2-dich (2-methoxymethylethoxy)proj (2-methoxymethylethoxy)proj (2-methoxymethylethoxy)proj (2-methoxymethylethoxy)proj	lor lor bano bano bano bano bano	Fish Daphnia Algae Daphnia Fish Fish Algae Fish Daphnia Algae Daphnia	LC50 EC50 EC50 EC50 LC50 EC50 LC50 LC50 LC50 LC50 NOEC NOEC	96 t. 24 t. 72 t. 24 hour 96 hour 96 hour 72 hour 96 timer 96 timer 72 timer 22 dage	9640 mg/l 5102 mg/l >2000 mg/l 0,32 mg/l 8,9 microgram/l Guppy 0,145 mg/l Carp >0,011 mg/l >1000 mg/l >1000 mg/l 969 mg/l 0,5 mg/l
12.2. Persistence and degradability Substance Biodear		radability		Test	Result
m-phenoxybenzyl-3-(2,2- dichlor	Yes		No data available	No data available	
12.3. Bioaccumulative poter	tial				
Substance		Potential bioaccumulation Yes		LogPow	BCF
m-phenoxybenzyl-3-(2,2- dichlor	Yes			No data available	No data available
organisms. This produc	ubstances t t contains s	that are toxic substances, w	hich due to	ronment. May result in adv o poor biodegradability, ma	ay cause adverse long-

term effects to the aquatic environment, This product contains substances with the potential of bioaccumulation resulting in the risk of accumulation in the food chain. Bioaccumulative substances are concentrated in adipose tissue and are not easily secreted.

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Safety data sheet According to 1907/2006/EC (REACH), 453/2010/EU, 2015/830/EU



# XYLOFARM AQUA KILLER - Extra strong woodworm killer

# SECTION 13: DISPOSAL CONSIDERATIONS 13.1. Waste treatment methods Product is covered by the regulations on hazardous waste. Waste

EWC code

## Specific labelling

## **Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

## 14.1 - 14.4

This product is within scope of the regulations of transport of dangerous goods. ADR/RID

AUK/RID	
14.1. UN number	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Permethrin
14.3. Transport hazard class(es)	9
14.4. Packing group	III
Notes	-
Tunnel restriction code	-
IMDG	
UN-no.	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Permethrin
Class	9
PG*	III
EmS	F-A, S-F
MP**	ja
Hazardous constituent	-
IATA/ICAO	
UN-no.	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Permethrin
Class	9
PG*	III

## 14.5. Environmental hazards

## 14.6. Special precautions for user

# 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code No data available

(\*) Packing group (\*\*) Marine pollutant

# SECTION 15: REGULATORY INFORMATION

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

## **Restrictions for application**

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered. **Demands for specific education** 

## **Additional information**

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# SECTION 15: REGULATORY INFORMATION

## **Sources**

COUNCIL DIRECTIVE 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP). EC regulation 1907/2006 (REACH).

# 15.2. Chemical safety assessment

No

# SECTION 16: OTHER INFORMATION

## Full text of H-phrases as mentioned in section 3

- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- The full text of identified uses as mentioned in section 1

#### Other symbols mentioned in section 2

#### Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information contained in this security 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 security data sheet only refers to this product, which should not be used for needs other than those specified.