

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## SAFETY DATA SHEET

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

#### 1.1 Product identifier

- Product Name: Arc Woodworm Killer
- UFI: 1YQ9-2F13-U00K-4U4P
- Product Code: AWWK001

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

- Use of the substance/mixture: Biocidal Product - Wood Preservative (PT8)
- Use advised against: No information available

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: FDM Arc Manufacturing Ltd
- Address of Supplier: IDA Business & Technology Park  
Ballynattin  
Arklow  
Co. Wicklow  
Ireland. Y14 A370
- Telephone: +353 (0)402 32370
- Responsible Person: Arc Building Products
- Email: sales@arcbuildingproducts.ie

#### 1.4 Emergency telephone number

- Emergency Telephone: +353 (0)402 32370 (Business Hours Only)  
UK Only : National Poisons Information Service ([www.npis.org](http://www.npis.org))  
ROI Only : National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166)
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Eye Irrit. 2, Aquatic Chronic 1

#### 2.2 Label elements



- Signal Word: Warning

#### Hazard statements

- H319 - Causes serious eye irritation.
  - EUH208 - Contains permethrin & 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
  - H410 - Very toxic to aquatic life with long lasting effects.
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**SECTION 2: Hazards identification (....)****Precautionary statements**

P264 - Wash skin thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P273 - Avoid release to the environment.

P391 - Collect spillage.

P501 - Dispose of contents/container to an authorised waste collection point.

**2.3 Other hazards****SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Chemical Name	CAS Number	EC Number	Concentration	Specific Concentration Limits	M factor	Categories
permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	52645-53-1	258-067-9	0.267%		1000 1000	Acute Tox. 4 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1
Alcohols, C9-11, Ethoxylated, 5EO	68439-46-3	931-514-1	1 - 2%			Eye Dam. 1
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	<0.05%	Skin Sens. 1 H317: C ≥ 0,05 %		Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1
potassium hydroxide; caustic potash	1310-58-3	215-181-3	<0.01%	Skin Corr. 1A H314: C ≥ 5 % Skin Corr. 1B H314: 2 % ≤ C < 5 % Skin Irrit. 2 H315: 0,5 % ≤ C < 2 % Eye Irrit. 2 H319: 0,5 % ≤ C < 2 %		Acute Tox. 4 Skin Corr. 1A

**SECTION 4: First aid measures****4.1 Description of first aid measures****Contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**Contact with skin**

Wash affected area with plenty of soap and water

## SECTION 4: First aid measures (....)

### Ingestion

Rinse mouth.

### Inhalation

Remove patient to fresh air

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

### Contact with eyes

Causes irritation

### Contact with skin

May cause irritation

### Ingestion

May cause nausea/vomiting

### Inhalation

No information available

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

- Treat symptomatically
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

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

- May give off noxious and toxic fumes in a fire

### 5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
  - Prevent run off water from entering drains if possible
  - Wear chemical protection suit and positive-pressure breathing apparatus
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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Contain spillage by any means possible

### 6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

### 6.3 Methods and material for containment and cleaning up

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**SECTION 6: Accidental release measures (....)**

- Collect spillage.
- Collect as much as possible in clean container for reuse or disposal
- Absorb spillage in suitable inert material
- Ventilate area

**6.4 Reference to other sections**

- See Section 8 & 13
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Wash hands thoroughly after using this substance
- Dispose of contents/container to an authorised waste collection point

**7.2 Conditions for safe storage, including any incompatibilities**

- Keep only in the original container in a cool, well ventilated place

**7.3 Specific end use(s)**

- No information available
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Substances**

Chemical Name	OES / STEL
potassium hydroxide; caustic potash	2 mg/m <sup>3</sup>

**8.2 Exposure controls**

- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Physical state: liquid
  - Colour: colourless
  - Odour: Characteristic odour
  - Flammability: Not flammable
  - pH: 6 - 8
  - Solubility in water: Completely soluble in water
  - Density: 1.000 g/cm<sup>3</sup> at 20 °C
  - Flashpoint: >93°C
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**SECTION 9: Physical and chemical properties (....)****9.2 Other information**

- No information available

**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- No special precautions are required for this product

**10.5 Incompatible materials**

- No information available

**10.6 Hazardous decomposition products**

- No hazardous decomposition products known

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Estimated LD<sub>50</sub> (oral) (ATE) : >2000 mg/kg

Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg

Estimated LD<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

**Substances**

Chemical Name	LD <sub>50</sub> (oral, rat)	LD <sub>50</sub> (skin, rat)	LD <sub>50</sub> (dermal)
permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)- 2,2-dimethylcyclopropanecarboxylate	554 mg/kg	>2000 mg/kg	
Alcohols, C9-11, Ethoxylated, 5EO	>2000 <=5000 mg/kg		>2000 mg/kg
1,2-benzisothiazol- 3(2H)-one; 1,2-benzisothiazolin-3-one	1193 mg/kg		

**Skin corrosion/irritation**

Not Classified

**Serious eye damage/irritation**

Causes serious eye irritation.

**SECTION 11: Toxicological information (....)****Respiratory or skin sensitisation**

Contains Permethrin & 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

**Germ cell mutagenicity**

Not Classified

**Carcinogenicity**

Not Classified

**Reproductive toxicity**

Not Classified

**STOT (specific target organ toxicity) - single exposure**

Not Classified

**STOT (specific target organ toxicity) - repeated exposure**

Not Classified

**Aspiration hazard**

Not Classified

**11.2 Information on other hazards**

- No information available

**SECTION 12: Ecological information****12.1 Toxicity****Substances**

Chemical Name	EC <sub>50</sub> (daphnia)	LC <sub>50</sub> (fish)	IC <sub>50</sub> (algae)
permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)- 2,2-dimethylcyclopropanecarboxylate	0.32 mg/l (48 hr)	0.0089 mg/l (96 hr)	
Alcohols, C9-11, Ethoxylated, 5EO	1-10 mg/l (48 hr)	1-10 mg/l (96 hr)	1-10 mg/l (72 hr)
1,2-benzisothiazol- 3(2H)-one; 1,2-benzisothiazolin-3-one	1 mg/l (48 hr)	1.3 mg/l (96 hr)	

**12.2 Persistence and degradability**

- No information available

**12.3 Bioaccumulative potential**

- No information available

**12.4 Mobility in soil**

- miscible with water

**12.5 Results of PBT and vPvB assessment**

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**SECTION 12: Ecological information (....)**

- No information available

**12.6 Endocrine disrupting properties**

- No information available

**12.7 Other adverse effects**

- Pesticide
  - Toxic to sewage works organisms
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
  - Dispose of contents/container to an authorised waste collection point
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**SECTION 14: Transport information****14.1 UN number or ID number**

- UN No.: 3082

**14.2 UN proper shipping name**

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**14.3 Transport hazard class(es)**

- Hazard Class: 9

**14.4 Packing group**

- Packing Group: III

**14.5 Environmental hazards**

- Marine Pollutant
- Environmentally hazardous

**14.6 Special precautions for user**

- Contains: permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate

**14.7 Maritime transport in bulk according to IMO instruments**

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878
  - Refer to EU Biocidal Products Regulation (528/2012)  
Refer to GB Biocidal Products Regulations
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**SECTION 15: Regulatory information (....)**

- The COSHH Regulations apply in the UK

**15.2 Chemical safety assessment**

- A REACH chemical safety assessment has not been carried out
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**SECTION 16: Other information**

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application.