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## MATERIAL SAFETY DATA SHEET

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier:

## ZER978 Woodworm Destroyer Can – 250ml

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

PC8: Biocidal products (e.g. Disinfectants, pest control).

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

**Supplier:** STV International Limited  
Forge House  
Little Cressingham  
Thetford  
Norfolk  
IP25 6ND

#### 1.4 Emergency phone number: +44 (0) 1953 881 580

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification under CLP: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; -: EUH208; -: EUH210

Most important adverse effects: Contains m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate.

May produce an allergic reaction. Causes serious eye irritation. Very toxic to aquatic life.

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Very toxic to aquatic life with long lasting effects. Safety data sheet available on request.

## 2.2 Label Elements

Hazard pictograms: GHS07: Exclamation mark  
GHS09: Environmental



Signal words: Warning

Precautionary statements: P264: Wash hands thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313: If eye irritation persists: Get medical attention.  
P391: Collect spillage.  
P501: Dispose of contents/container to hazardous or special waste collection point.

## 2.3 Other Hazards

PBT: This product is not identified as a PBT/vPvB substance.



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## 3.COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Hazardous components:

Cont overleaf...

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## ALCOHOLS, C8-11, ETHOXYLATED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	68439-45-2	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%

## M-PHENOXYBENZYL 3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE

258-067-9	52845-53-1	-	Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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## Non-classified ingredients:

## \*2-METHYL-2H-ISOTHIAZOLIN-3-ONE (MIT)

EINECS	CAS	CHIP Classification	CLP Classification	Percent
220-239-6	2882-20-4	-	Acute Tox. 3: H301; Acute Tox. 2: H330; Skin Corr. 1B: H314; Skin Sens. 1A: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 3: H311	<1%

## 1,2-BENZISOTHIAZOLIN-3-ONE

220-120-9	2834-33-5	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	<1%
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4. FIRST AID MEASURES**4.1 Description of first aid measures**

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

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

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

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## 5. FIRE-FIGHTING MEASURES

### **5.1 Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### **5.2 Special Hazards arising from the substance or mixture**

Exposure hazards: In combustion emits toxic fumes.

### **5.3 Advice for fire-fighters**

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.



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## 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### **6.2 Environmental Precautions**

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### **6.4 Reference to other sections**

Reference to other sections: Refer to section 8 of SDS.

## 7. HANDLING AND STORAGE

### **7.1 Precaution for safe handling**

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

## 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.  
Suitable packaging: Must only be kept in original packaging.

## 7.3 Specific end use(s)

Specific end use(s): No data available.

## 8.EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

Workplace exposure limits: No data available.

DNEL / PNEC No data available.

### 8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.  
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.  
Hand protection: Protective gloves.  
Eye protection: Safety glasses. Ensure eye bath is to hand.  
Skin protection: Protective clothing.  
Environmental: Prevent from entering in public sewers or the immediate environment.



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## 9.PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Odour: Characteristic odour  
Evaporation rate: No data available.  
Oxidising: No data available  
State: Liquid

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Colour:	Colourless		
Solubility in water:	Soluble		
Viscosity:	Non-viscous		
Boiling point/range°C:	No data available.	Melting point/range°C:	No data available.
Flammability limits %: lower:	No data available.	upper:	No data available.
Flash point°C:	No data available	Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	No data available	Vapour pressure:	No data available.
Relative density:	1.005g/ml	pH:	Approx. 7
VOC g/l: No data available.			

## 9.2 Other Information

Other information: No data available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Reactivity: Stable under recommended transport or storage conditions.

### 10.2 Chemical Stability

Chemical stability: Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

Conditions to avoid: Heat.

### 10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### ALCOHOLS, C9-11, ETHOXYLATED

DERMAL	-	LD50	>2000	mg/kg
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ORAL	-	LD50	>300<=2000	mg/kg
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#### M-PHENOXYBENZYL 3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE

ORL	MUS	LD50	424	mg/kg
ORL	RAT	LD50	383	mg/kg
SKN	RAT	LD50	1750	mg/kg

#### Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Ecotoxicity values: No data available.

### 12.2 Persistence and degradability

Persistence and degradability: Not biodegradable.

### 12.3 Bioaccumulative potential

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Bioaccumulative potential: Bioaccumulation potential.

#### **12.4 Mobility in soil**

Mobility: Readily absorbed into soil.

#### **12.5 Results of PBT and vPvB**

PBT identification: This product is not identified as a PBT/vPvB substance.

#### **12.6 Other adverse effects**

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

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### **13. DISPOSAL CONSIDERATIONS**

#### **13.1 Waste Treatment Methods**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN number:**

UN number: UN3082

#### **14.2 UN proper shipping name:**

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

(Permethrin)



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#### **14.3 Transport hazard class(es):**

Transport class: 9

#### **14.4 Packing group:**

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Packing group: III

#### 14.5 Environmental hazards:

Environmentally hazardous: Yes

Marine pollutant: No

#### 14.6 Special precautions for user:

Special precautions:

No special precautions.

Tunnel code:

E

Transport category:

3

### 15. REGULATORY INFORMATION

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

Specific regulations: Not applicable.

#### 15.2 Chemical Safety Assessment

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### 16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

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H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



**MSDS information:** Use only in accordance with label instructions. The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation. The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the storage and transportation of the preparation. The information in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by STV International Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature. This Material Safety data sheet is compiled using data submitted for raw materials and practical experience. This product is intended for amateur users only. This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC and Annex II of the REACH regulation 1097 of 2006.

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