SAFETY DATA SHEET

Conforms to Regulation EC 1907/2006 (REACH) as amended by Regulation (EU) 2015/830

ZER954 – ZERO IN ANT BAIT STATIONS

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

Zero In Ant Bait Stations

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

For use as an insecticide

1.3. Details of the supplier of the safety data sheet

STV International Ltd
Forge House
Little Cressingham
Watton
Thetford
Norfolk
IP25 6ND

+ 44 (0) 1953 881 580 (Office hours only)
info@stvpestcontrol.com

1.4. Emergency telephone number

For product information, contact STV International Ltd on the telephone number stated in section 1.3.

In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

For urgent medical advice, call the NHS Helpline on 111 (England, Scotland & Wales).
For medical emergencies, dial 999 (UK & Ireland) or 112 from any EU country.

Environmental agency emergency phone number 0800 807060.

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008
Aquatic Chronic 2; H411

2.2. Label elements

Hazard Pictogram

GHS09

Signal Word

None

Hazard Statements

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.
P391 Collect spillage.

Other labelling required under Regulation (EC) 1272/2008

None

2.3. Other hazards

This mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006 (REACH).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical Name	CAS/EC No	Classification in accordance with Regulation (EC) 1272/2008	Conc [%]
m-phenoxybenzyl (1R-trans)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate	26046-85-5 247-431-2	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M Factor (Acute) = 100 M Factor (Chronic) = 100	0.1

Full text of hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

This product is not considered to be hazardous to human health. However, if exposure occurs, the following first aid measures should be followed:

Inhalation

Move exposed person to fresh air. If breathing discomfort occurs, seek medical attention.

Skin
Wash contaminated skin with plenty of soap and water. Seek medical attention if skin irritation occurs.

Eyes
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Seek medical attention if eye irritation occurs.

Ingestion
Wash out mouth with water. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4.2. Most important symptoms and effects, both acute and delayed
See section 11.

4.3. Indication of any immediate medical attention and special treatment needed
No specific advice. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Water jet spray, foam, CO2/dry extinguisher.

Unsuitable extinguishing media
Not applicable.

5.2. Special hazards arising from the substance or mixture
In case of fire the following can develop:
Oxides of carbon
Toxic gases

5.3. Advice for firefighters
Avoid breathing fumes. Wear self-contained breathing apparatus. Wear full protective clothing if necessary. Dispose of contaminated extinction water according to official regulations. Do not discharge into the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with eyes or skin.

6.2. Environmental precautions
Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration.

6.3. Methods and material for containment and cleaning up
Pick up mechanically and dispose of according to section 13.

6.4. Reference to other sections
See section 1 for emergency contact information.
See section 8 for information on appropriate personal protective equipment.
See section 13 for additional waste treatment information.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Avoid contact with eyes. Avoid long lasting or intensive contact with skin. Eating, drinking, smoking, as well as food-storage is prohibited in the work-room. Observe directions on label and instructions for use.
Use working methods according to operating instructions.
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly-closed, original container in a dry place at room temperature. Keep separate from food, drink and animal feedstuffs.

7.3. Specific end use(s)
For use as an insecticide

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Occupational exposure limits
None

8.2. Exposure controls

Engineering controls
Ensure there is sufficient ventilation of the area.

Eye/face protection
Safety eye wear complying with an approved standard should be used if a risk assessment indicated this is necessary.
Recommended: Tightly fitting safety glasses/goggles.
Ensure eye bath is to hand.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. After contamination with product change gloves immediately and dispose of them according to relevant national and local regulations.
Recommended : (<1 hour) PVC , Nitrile gloves.

Respiratory protection
No personal respiratory protective equipment normally required.

Environmental exposure controls
Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Yellow, viscous liquid
Odour: Characteristic odour
Odour threshold: Information not available
pH: Information not available
Melting point/freezing point: Information not available
Initial boiling point and boiling range: Information not available
Flash point: Information not available
Evaporation rate: Information not available
Flammability: Information not available
Upper/lower flammability or explosive limits: Information not available
Vapour pressure: Information not available
Vapour density: Information not available
Relative density: Information not available
Solubility(ies): Information not available
Partition coefficient: n-octanol/water: Information not available
Auto-ignition temperature: Information not available
Decomposition temperature: Information not available
Viscosity: Information not available
Explosive properties: Product is not explosive
Oxidising properties: Product is not oxidising

9.2. Other information

None

SECTION 10: Stability and reactivity

10.1. Reactivity

Not to be expected.

10.2. Chemical stability

Product is stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No composition when used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicity of product

Acute toxicity:	Not expected to be toxic.
Skin corrosion/irritation:	Product is not classified as causing skin corrosion or irritation.
Serious eye damage/irritation:	Product is not classified as causing serious eye damage or irritation
Respiratory or skin sensitisation:	Product is not classified as causing skin sensitisation.

Germ cell mutagenicity:	No information specified.
Carcinogenicity:	No information specified.
Reproductive toxicity:	No information specified.
STOT-single exposure:	No information specified.
STOT-repeated exposure:	No information specified.
Aspiration hazard:	No information specified.

Toxicity of ingredients

m-phenoxybenzyl (1R-trans)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate

Acute oral toxicity:	LD50 >5000mg/kg Rat
Acute dermal toxicity:	LD50 >5000mg/kg Rat
Acute inhalation toxicity:	LC50 >2.1mg/lg/4h Rat (Vapours)
Skin corrosion/irritation:	Not irritant
Serious eye damage/irritation:	Not irritant
Respiratory or skin sensitisation:	No (skin contact)
Aspiration hazard:	No
Symptoms:	Vomiting, nausea, headaches.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity of product

This product is classified as toxic to aquatic life with long lasting effects.

Toxicity of ingredients

m-phenoxybenzyl (1R-trans)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate

Toxicity to fish:	LC50 96h 0.0027mg/l (Oncorhynchus mykiss)
Toxicity to fish:	NOEC/NOEL >60d >0.0011mg/l (Oncorhynchus mykiss)
Toxicity to daphnia:	EC50 48h 0.0043mg/l (Daphnia magna)
Toxicity to algae:	EbC50 96h 0.011mg/l
Persistence and degradability:	Not readily biodegradable. Photochemical degradation in water
Bioaccumulative potential:	Log Pow 6.8
Mobility in soil:	Adsorption in ground.
Results of PBT and vPvB assessment:	Not a PBT or vPvB substance.

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

Information not available

12.6. Other adverse effects

Information not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

EC disposal code: 07 04 99 wastes not otherwise specified

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

For contaminated packaging material:

Pay attention to local and national official regulations.

Recycling.

SECTION 14: Transport information

14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (m-phenoxybenzyl (1R-trans)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate)

14.3. Transport hazard class(es)

9

14.4. Packing group

III

14.5. Environmental hazards

Toxic to aquatic life with long lasting effects.

14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained.

All persons involved in transporting must observe safety regulations.

Precautions must be taken to prevent damage.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

This substance is classified and labelled in accordance with Regulation (EC) 1272/2008 and Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Full text of hazard statements listed in Section 3
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Comments
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 Ltd 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.