



SAFETY DATA SHEET

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

ZER563– ZERO IN ULTRA POWER HOUSEHOLD PEST KILLER REFILLABLE 2L
SPRAYER

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

1.1. Product identifier

Zero In Ultra Power Household Pest Killer

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

For use as an insecticide & disinfectant

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 Acute 1; H400
Aquatic Chronic 1; H410

2.2. Label elements

Hazard Pictogram

GHS09



Signal Word

Warning

Hazard Statements

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

Precautionary Statements

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/ container in accordance with local regulations.

P102 Keep out of reach of children.

P103 Read label before use.

P101 If medical advice is needed, have product container or label to hand

Other labelling required under Regulation (EC) 1272/2008

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 [%]
Cypermethrin	52315-07-8 257-842-9	Acute Tox. 4; H332 Acute Tox. 4; H302 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0.1%
Alkyl Dimethyl Benzalkonium Chloride	68424-85-1	Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0.1%
Alchols, C9-11, Ethoxylated, 5EO (H302)	68439-46-3	Acute Tox. 4; H312 Eye Dam. 1; H318	

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. May cause nausea/vomiting.

Inhalation: No symptoms.

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

Suitable extinguishing media for the surrounding fire should be used. Use water spray or fog, dry chemical or carbon dioxide to cool containers.

Unsuitable extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

In combustion emits noxious and toxic fumes.

5.3. Advice for firefighters

Wear self-contained positive-pressure breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Keep container(s) exposed to fire cool, by spraying with water. Prevent run off water from entering drains if possible.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6.2. Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding. If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities.

6.3. Methods and material for containment and cleaning up

Collect spillage. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Ventilate area.

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

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Ensure there is sufficient ventilation of the area. Wash hands thoroughly after this substance.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly-closed, original container in a dry and cool place. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

7.3. Specific end use(s)

For use as an insecticide & disinfectant

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.

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: Colourless liquid

Odour: Characteristic odour

Odour threshold: Information not available

pH: 4-5

Melting point/freezing point: Information not available

Initial boiling point and boiling range: Information not available

Flash point: >93°C

Evaporation rate: Information not available

Flammability: Not flammable

Upper/lower flammability or explosive limits: Information not available

Vapour pressure: Information not available

Vapour density: Information not available

Relative density: 1.005g/ml

Solubility(ies): Completely soluble in water.

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: Information not available

Oxidising properties: Information not available

9.2. Other information

None

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Product is stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use hazardous reactions will not occur.

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

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

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.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity of product

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

12.2. Persistence and degradability

Biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

- Pesticide
- Toxic to sewage works organisms

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of contents/container in accordance with all local, regional, national and international regulations.

Dispose of contents/container to an authorised waster collection point.

SECTION 14: Transport information

14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cypermethrin)

14.3. Transport hazard class(es)

9

14.4. Packing group

III

14.5. Environmental hazards

Very toxic to aquatic life with long lasting effects.

14.6. Special precautions for user

Special precautions: Contains: cypermethrin cis/trans +/- 40/60; (RS)- α -cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2

-dimethylcyclopropanecarboxylate

Alkyl Dimethyl Benzalkonium Chloride

Tunnel code: E

Transport category: 3

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

H302: Harmful if swallowed.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

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.