



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Super Insectox Flying Insect Killer (aerosol)
Application: Insecticide
Supplier: Heaton (Export & Marketing) Ltd
Central Hall, Oldham Road
Ripponden
Halifax
HX6 4DN
T 01422 822308
F 01422 822902
enquiries@heatonexport.co.uk

Emergency Telephone: 01422 822308
Container Size: 300ml

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

Classification (1999/45/EEC): F+; R12. N;R51/53. Xn;R65. Xi;R37. R66, R67.

Classification according to Regulation (EC) No 1272/2008

Physical and Chemical Hazards: Extremely Flammable Aerosol
Human Health: EUH066; STOT SE 3 - H335, H336; Asp.Tox. 1 - H304
Environment: Aquatic Chronic 2 - H411

2.2 Label elements

Signal Word: **Danger**



GHS02
H224 - extremely flammable liquid and vapour
H222 - extremely flammable aerosol

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GHS07
STOT SE 3
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness



GHS08 health hazard
Asp.Tox.1
H304 - May be fatal if swallowed and enters airways



GHS09
Aquatic Chronic 2
H411 - Toxic to aquatic life with long lasting effects

Hazard Statements:

H222 - extremely flammable aerosol
H224 - extremely flammable liquid and vapour
H304 - may be fatal if swallowed and enters airways
H335 - may cause respiratory irritation
H336 - may cause drowsiness or dizziness
H411 - toxic to aquatic life with long lasting effects

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Precautionary Statements:

P102 - Keep out of reach of children
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P260 - Do not breathe vapours or mists.
 P264 - Wash hands or liquid contacted skin thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well ventilated space.
 P273 - Avoid release to the environment.
 P301+ IF SWALLOWED: Immediately call a 310 POISON CENTER or doctor/physician.
 P331 - Do not induce vomiting.

Supplemental label information:**EUH066**

Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION/ INFORMATION ON INGREDIENTS**3.2 Mixtures**

Ingredient Name	CAS number	%	EC number	Classification
Sumithrin		< 0.02 %		H315;H319;H317;H400; H410; H302; H312;H332
Tetramethrin	7696-12-0	< 0.10 %	231-711-6	H400;H410
Piperonyl Butoxide	51-03-6	< 0.55 %	200-076-7	H400;H410
Hydrocarbons C9, Aromatics		< 3.00 %	918-668-5	H304;H335;H411;EUH066; H336
Hydrocarbon, C11-C14, n.Alkanes, Isoalkanes.	64742-47-8	< 30.00 %	265-149-8	H304;EUH066
Butane	106-97-8	< 36.00 %	203-448-7	H224
Isobutane	75-28-2	< 15.00 %	200-857-2	H224
Propane	74-98-6	< 15.00 %	200-827-9	H224

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Product Name:**Super Insectox Flying Insect Killer (aerosol)****4. FIRST AID MEASURES**

GENERAL INFORMATION

Move the exposed person to fresh air at once.

INHALATION

In case of inhalation of spray mist. Move the person into fresh air and keep warm and at rest. Perform artificial respiration if breathing has stopped. Consult a doctor if symptoms persist.

INGESTION

Do not induce vomiting; rinse mouth with water. Get medical attention.

SKIN CONTACT

Repeated skin contact may result in irritation and dermatitis. Promptly wash contaminated skin with soap and water or mild detergent and water. Promptly remove clothing if soaked through.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool aerosol containers. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back. Aerosol cans may explode in a fire.

SPECIFIC HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

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6. ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Avoid contact with skin and eyes. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Avoid inhalation of vapours and aerosol spray.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable absorbent material.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Keep out of confined spaces because of explosion risk.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray near a naked flame or incandescent material.

STORAGE PRECAUTIONS

Extremely flammable. Keep away from heat, sparks, open flames and other sources of ignition. Store at moderate temperatures in dry, well ventilated area. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50C. Do not pierce or burn, even after use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
Butane	WEL	600ppm	1450mg/m3	750ppm	1810mg/m3	
Propane		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating	
Isobutane		800ppm				
Hydrocarbons, C9, aromatics			100mg/m3			

WEL - work exposure limit

RESPIRATORY PROTECTION

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

HYGIENE MEASURES

Provide adequate ventilation to minimise vapour concentrations. Wash hands after handling. When using, do not eat, drink or smoke.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colourless Liquid in aerosol form
CLARITY: Clear
DENSITY @ 20C: 0.804 to 0.814

Refractive Index @ 20C: 1.4475 to 1.4494
WATER CONTENT: 1.00% MAX
FLASH POINT : 68 F
FLAMMABILITY LIMIT %: LOWER: 1.8 UPPER: 9.5

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use. Avoid heat, sparks, flames and sources of ignition.

CONDITIONS TO AVOID

Avoid exposing aerosol containers to high temperatures and direct sunlight.

11. TOXICOLOGICAL INFORMATION

TOXICITY INFORMATION

Contains pyrethroids (cypermethrin and tetramethrin). After skin contact, cutaneous sensations may occur, such as burning or stinging on the face or mucosae. However, these sensations cause no lesions and are transitory nature (max. 24 hours)

12. ECOLOGICAL INFORMATION

ECOLOGICAL EFFECTS INFORMATION

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Container under pressure. Do not drill or burn even after use.
Waste is classified as hazardous waste. Disposal to a licensed waste disposal site in accordance with the local Waste Disposal Authority.
Dispose of waste and residues in accordance with local authority requirements. Do not allow to run off to sewer, waterway or ground.

WASTE CLASS

Hazardous Waste EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue, should be carried out in agreement with an EA authorised waste disposal company.

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14. TRANSPORT INFORMATION

Proper shipping name: AEROSOLS, FLAMMABLE
UN No Road: 2.1
ADR Class: 2.1
RID Class No: 2.1
IMDG Class: 2.1

UN No Air:

1950

15. REGULATORY INFORMATION

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

UK Regulatory References

Chemicals (Hazard Information & Packaging) Regulations

Guidance Notes

Workplace Exposure Limits EH40

EU Legislation

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

System of specific information relating to Dangerous Preparations 2001/58/EC

Regulation (EC) No 1272/2008 CLP. Regulation (EC) No 1907/2006 REACH

16. OTHER INFORMATION

GENERAL INFORMATION

Since empty containers retain product residue, follow label warnings, even after the aerosol container is emptied. Residual vapours may explode on ignition, do not cut, drill, grind or weld on or near aerosol containers.

Risk phrases in Full

R12	Extremely Flammable
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R37	Irritating to the respiratory system
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness

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16. OTHER INFORMATION (continued)

Hazard Statements in Full

EUH066	Repeated exposure may cause skin dryness or cracking
H224	extremely flammable liquid and vapour
H222	extremely flammable aerosol
H335	may cause respiratory irritation
H336	may cause drowsiness or dizziness

H304
H411

maybe fatal if swallowed and enters airways
toxic to aquatic life with long lasting effects

Disclaimer

This information relates only to the specific product designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.