

Vazor Wasp Nest Destroyer

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2015/830



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

1.1 Product identifier

Vazor Wasp Nest Destroyer HSE 10902

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

Relevant identified uses: Professional treatment for wasps in the nest.

Uses advised against: Use only as instructed.

1.3. Details of the supplier of the safety data sheet

Address: Killgerm Chemicals Ltd, Wakefield Road, Ossett, WF5 9AJ

Tel: +44 (0)1924 268 450

Fax: +44 (0)1924 265 033

Email: technical@killgerm.com

1.4. Emergency telephone number

Medical professionals should use National Poisons Information Service Tel: 0870 600 6266.

Killgerm Chemicals Ltd Tel:01924 268452 (Office hours) Emergency Line 01865407333

Non-medical professionals should seek information by contacting NHS by dialling 111.

SECTION 2: Hazards identification

2.1. Classification of the mixture according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Aerosol Cat. 1

H222: Extremely flammable aerosol

H229: Pressurised container: May burst if heated.

Serious eye damage Cat 1

H318: Causes serious eye damage.

Aquatic Chronic Cat.3

H412: Harmful to aquatic life with long lasting effects

2.2. Label elements



GHS02

GHS05

Signal Word: Danger

Hazard statements:

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P280: Wear protective gloves/eye 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.

P310: Immediately call a POISON CENTER/doctor.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Contains: Glycine, N-methyl-, N-coco acyl derivs., sodium salts

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).

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous Components in Product

| Ingredient Name | Concentration % | Classification | H Phrases |
|--|-----------------|--|--------------------------------------|
| Sodium cocoyl sarcosinate (30%) CAS: 61791-59-1 EC: 263-193-2 | 13.5 | Eye Dam. 1. | H318 |
| n-Butane, Isobutane, Propane mixture CAS: 68476-85-7 EC: 270-704-2 | 10 | Flam. Gas 1. | H220 H290 |
| Odourless Kerosene CAS: 64742-47-8 EC: 265-149-8 | <10 | Asp. Tox. 1. | H304 |
| Amines, C12-14 (even numbered)-alkyldimethyl CAS: 68955-55-5 EC: 273-281-1 | <2 | Eye Dam. 1. Acute Tox. 4. Skin Irrit. 2. Aquatic Acute 1. Aquatic Chronic 2. | H318 H302 H315 H400 H411 |
| Sodium Nitrite CAS: 7632-00-0 EC: 231-55-9 | <1 | Oxid. Sol. 3. Acute Tox. 3. Eye Irrit. 2. Aquatic Acute 1. | H272 H301 H319 H400 |
| Tetramethrin CAS: 7696-12-0 EC: 231-711-6 | 0.3 | Aquatic Acute 1. Aquatic Chronic 1. | H400 H410 |
| 1R-Trans Phenothrin CAS: 26046-85-5 EC: 247-431-2 | 0.1 | Aquatic Acute 1. Aquatic Chronic 1. | H400 H410 |

See section 16 for full text of H phrases and hazard classification of ingredients.

SECTION 4: First aid measures

4.1. Description of first aid measures

General: If during or after use/exposure you begin to feel unwell, seek medical attention bringing a copy of the product label/the SDS.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Get medical attention immediately.

Skin contact: Wash area with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs, get medical attention

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

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

Causes serious eye damage.

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

Get immediate medical attention if product comes into contact with eyes.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable agents: Do not use water jet as an extinguisher, as this will spread the fire.

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5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container: may burst if heated.
Thermal decomposition or combustion products may include the following substances:
Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrous gases (NO_x).

5.3. Advice for firefighters

Cool containers exposed to flames with water until well after the fire is out.
Wear protective clothing to prevent contact with skin and eyes.
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing, or apron, as appropriate. Do not touch or walk into spilled material. No smoking, sparks, flames, or other sources of ignition near spillage. Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapours. Provide adequate ventilation. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Avoid contact with contaminated tools and objects. Take care as floors and other surfaces may become slippery. Do not handle broken packages without protective equipment. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Do not allow the product to enter sewers, ground, and surface waters. Do not rinse product to the sewers. In case of water contamination - inform appropriate authorities immediately. Harmful to aquatic life with long lasting effects. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Environmental agency emergency phone number 0800 807060.

6.3. Methods and material for containment and cleaning up

Wear suitable protective equipment and eliminate all sources of ignition. In case of unsealed container or spillage secure source of contamination and move product to empty container. Spillages should be treated by appropriate sorbent (sand, sawdust, diatomaceous earth, vermiculite, universal absorbent), collected to closed container, labelled, and safely disposed. Area of spillage should be cleaned with water. Cleaning up should be conducted under appropriate ventilation.

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

To avoid risks to human health and the environment, comply with the instructions for use. Use biocides safely. Always read the label and product information before use. Wear protective gloves. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Provide adequate ventilation. Keep container in a well-ventilated place. Avoid contact with skin, eyes, and clothing. Avoid breathing vapour/spray. Do not expose to temperatures exceeding 50°C/122°F. Do not spray on an open flame or other ignition source. Keep out of the reach of children. Do not pierce or burn, even after use. Do not empty into drains. Do not eat, drink, or smoke when using this product. Avoid contact with contaminated tools and objects. Do not handle broken packages without protective equipment. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store at temperatures between 4°C and 40°C. Do not expose to temperatures exceeding 50°C/122°F. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep out of the reach of children.

Storage class: Flammable compressed gas storage.

7.3. Specific end use(s)

See section 1.2.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupation exposure limits.

| Component | Long-term exposure limit (8Hour TWA) | Short-term exposure limit (15- minute) |
|--|--------------------------------------|--|
| Hydrocarbon Propellent | WEL 1000 ppm 1750mg/m ³ | WEL 1250 ppm 2180 mg/m ³ |
| Hydrocarbons, C10, aromatics, <1% naphthalene | WEL 70 ppm 500mg/m ³ | WEL 10ppm 53mg/m ³ |
| HYDROCARBONS, C11-14, n-ALKANES, ISOALKANES, CYCLICS <2% AROMATICS | WEL 1000mg/m ³ | -- |
| TETRAMETHRIN | WEL 10mg/m ³ Dust only | -- |

| DNEL – Hydrocarbons, C10. Aromatics, <1% naphthalene | |
|--|-----------------------|
| Industry - Dermal; Long term local effects | 12.5 mg/kg/day |
| Industry - Inhalation; Long term local effects | 151 mg/m ³ |
| Consumer - Dermal; Long term local effects | 7.5 mg/kg/day |
| Consumer - Inhalation; Long term local effects | 32 mg/m ³ |
| Consumer - Oral; Long term local effects | 7.5 mg/kg/day |

8.2. Exposure controls

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required.

| PPE | Item in use | Spillage |
|-----------------------|--|--|
| Respirators | Not needed under normal use and adequate ventilation. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g., containment and/or local extract ventilation. Recommended: Full mask with type ABEK filter. | Not needed under normal use and adequate ventilation. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g., containment and/or local extract ventilation. Recommended: Full mask with type ABEK filter. |
| Gloves | Protective Gloves to EN 374 Nitrile or PVC. | Protective Gloves to EN 374 Nitrile or PVC. |
| Overall | Basic type e.g., Heavy duty polycotton or coverall type 5/6. | Basic type e.g., Heavy duty polycotton or coverall type 5/6. |
| Goggles / Face shield | Safety glasses to EN 166 | Safety glasses to EN 166 |

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink, and animal feeding stuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-------------------------------|-------------------------------|
| Appearance: | White/Off white Aerosol foam. |
| Odour: | Mild. |
| Odour threshold: | No data |
| pH: | 6-8. |
| Melting point/freezing point: | Information not available. |

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| | |
|--|----------------------------|
| Initial boiling point/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. |
| Vapor pressure: | Information not available. |
| Vapor density: | Information not available. |
| Relative density: | Information not available. |
| Solubility(ies): | Information not available. |
| Partition coefficient n-octanol/water (log Kow): | 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

No further relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Not expected to be reactive under recommended conditions of storage and handling.

10.2. Chemical stability

Stable at normal ambient temperatures and when use as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid heat, flames, and other sources of ignition.

10.5. Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon Dioxide (CO₂). Nitrous gases (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Hydrocarbon propellant | |
|----------------------------|-----------|
| LC50 inhalation rat (mg/l) | 21.6 mg/l |
| ATE (vapours) | 21.6 mg/l |

| Hydrocarbons, C10, aromatics, <1% Naphthalene | |
|---|-------------|
| LD50 oral rat (mg/kg) | 5 001 mg/kg |
| LC50 inhalation rat (mg/l) | 4 688 mg/l |
| ATE inhalation (dust, inhalation, vapours mg/l) | 4 688 mg/l |

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| | |
|-------------------------------------|-------------|
| Tetramethrin (CAS 7696-12-0) | |
| LD50 oral rat (mg/kg) | 2 000 mg/kg |

Classification of the product was conducted by calculation method according to regulation 1272/2008, based on the content of hazardous ingredients:

- a) **acute toxicity:** Not expected to be toxic. Ingestion may cause discomfort.
- b) **serious eye damage/ irritation:** Causes serious eye damage.
- c) **skin corrosion/irritation:** not classified for skin irritation or corrosion.
- d) **sensitisation:** Based on data available classification criteria are not met.
- e) **repeated dose toxicity:** Based on data available classification criteria are not met.
- f) **carcinogenicity:** Based on data available classification criteria are not met.
- g) **mutagenicity:** Based on data available classification criteria are not met.
- h) **toxicity for reproduction:** Based on data available classification criteria are not met.
- i) **aspiration:** No information.

STOT-single exposure: No information specified.

STOT-repeated exposure: No information specified.

11.2. Other Data

See section 2.3

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-------------|
| Hydrocarbons, C10, aromatics, <1% Naphthalene | |
| LL50, 96 hours; Oncorhynchus mykiss (Rainbow trout) | 2-5 mg/l |
| Hydrocarbons, C11-14, n-Alkanes, Isoalkanes, Cyclics <2% aromatics | |
| LC50, 96 hours; Oncorhynchus mykiss (Rainbow trout) | >1 000 mg/l |
| EC50, 48 hours; Daphnia magna | >1 000 mg/l |
| EC50, 48 hours; Daphnia magna | >250 ppm |
| IC50, 72 hours; Algae | 20 ppm |

| | |
|--|---------------------------------------|
| Tetramethrin (CAS 7696-12-0) | |
| LC50, 96 hours; Brachydanio rerio (Zebra Fish) | 0.033 mg/l |
| EC50, 48 hours; Daphnia magna | 0.47 mg/l |
| IC50, 72 hours; Scenedesmus subspicatus | 1.36 mg/l |
| Acute aquatic toxicity | LE(C) ₅₀ 0.1 < L(E)C50 ≤ 1 |
| Chronic aquatic toxicity | NOEC 0.001 < NOEC ≤ 0.01 |
| Degradability | Non-rapidly degradable |
| M Factor | Acute = 1, Chronic = 10 |

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

This product is not identified as a substance classified as PBT or vPvB.

12.6. Other adverse effects

None known

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal of the product, empty containers and contaminated packaging must be made in accordance with the local law.
Dispose of unused product in the original container as hazardous waste.
Empty containers and contaminated PPE should be considered hazardous and disposed of appropriately.
Suggested waste code 16 05 04.

SECTION 14: Transport information

14.1. UN number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es).

ADR

Transport hazard class(es) (ADR): 2.1

Danger labels (ADR) 5F

IMDG

Transport hazard class(es) (IMDG): 2.1

Danger labels (IMDG) -

ICAO

Transport hazard class(es) (ICAO): 2.1

Hazard labels (ICAO): -

RID

Transport hazard class(es) (RID): 2.1

Danger labels (RID): 5F

14.4. Packing group

Not Applicable

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant.

14.6. Special precautions for user

Tunnel restriction code (D)

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

Labelling according to Regulation (EC) No 1272/2008

Control of Substances Hazardous to Health Regulations 2002 (as amended).

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) (as amended).

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

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SECTION 16: Other information

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

Ingredient classification data:

- H220 Extremely flammable gas.
- H272 May intensify fire, oxidiser.
- H290 May be corrosive to metals.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

| Issue number (date) | Section amended |
|---------------------|--|
| Issue (Oct 2018) | First creation. |
| Issue (Sept 2020) | Update to style and layout – some updates to minor wording. |
| Issue (Dec 2021) | Updated Section 3 harmonised tetramethrin classification – section 15 post Brexit legislative changes. |
| Issue (Jan 2022) | Addition of emergency number. |
| Issue (Apr 2022) | Change in formulation relevant updates. |
| Issue Sep (2023) | Minor changes to wording and layout. Updated emergency number |

This safety data sheet does not constitute a COSHH assessment.

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 handling, storage and transportation of the preparation. The information provided 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 Killgerm Chemicals 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.