



SAFETY DATA SHEET

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

ZER319 – ZERO IN SPIDER INSECT FREEZE SPRAY

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

1.1. Product identifier

Zero In Spider Freeze Spray

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

Insect knockdown spray

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
Flam. Aerosol 1; H222, H229

2.2. Label elements

Hazard Pictogram

GHS02



Signal Word

Danger

Hazard Statements

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

Precautionary Statements

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. P260 Do not breathe spray.

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

Other labelling required under Regulation (EC) 1272/2008

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical Name	CAS/EC No	Classification in accordance with Regulation (EC) 1272/2008	Conc [%]
Propane	74-98-6; 200-827-9	Press. Gas Flam. Gas 1; H220	24 - 26
Butane	106-97-8; 203-448-7	Press. Gas Flam. Gas 1; H220	49 - 51
Isobutane	75-28-5; 200-857-2	Press. Gas Flam. Gas 1; H220	24 - 26

Full text of hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

In case of excessive inhalation remove the person to fresh air and keep at rest in comfortable position. Obtain medical advice immediately.

Skin

Remove contaminated clothing. Wash skin immediately with plenty of water, using soap if available.

Eyes

Immediately rinse the eyes with plenty of water. If any sign of tissue damage or persistent irritation, obtain medical advice immediately.

Ingestion

Rinse mouth with water.

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

Known symptoms and effects are indicated on the label (see Section 2.2).

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

No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

ABC class fire extinguisher, water, CO₂ and fire extinguishing foam used.

Unsuitable extinguishing media

While use protective equipment firefighting. Water containers should be kept cool by spraying. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

It causes an increase in the flame during a fire in case of puncture aerosol cans.

5.3. Advice for firefighters

Protective actions during firefighting:

ABC class fire extinguisher, water, CO₂ and fire extinguishing foam used.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing the fumes or gases. Make sure you have good ventilation. Remove all the resources that may cause ignition. Remove personnel to a safe area. Reach explosive concentrations of vapor deposition, be careful. Steam can accumulate near the floor. Use personal protective equipment specified in Section 8.

6.2. Environmental precautions

If there is no safety hazard, avoid further leakage or spillage. Keep away from sources of ignition packaged product. Pay attention to the sanitary sewer system. Do not smoke.

6.3. Methods and material for containment and cleaning up

Absorb spills with inert material (e.g. dry sand or earth) and place in container for disposal of chemicals.

6.4. Reference to other sections

See Section 13 for waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices in well ventilated areas.

7.2. Conditions for safe storage, including any incompatibilities

The finished product is heat, keep away from sparks and flames. Store in accordance with the stacking rules.

Dry, cool and store in a well-ventilated environment should be stored below 50 ° C. Keep away from places that children can reach.

7.3. Specific end use(s)

Shelf life is 2 years.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Engineering controls

Provide adequate ventilation. Room temperature is sufficient.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

It is recommended that gloves are made of the following material: Rubber (natural, latex).

Other skin and body protection

Wear protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Clear aerosol.

Odour: Special fragrance 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: -100°C.

Evaporation rate: Information not available.

Flammability: Extremely flammable aerosol.

Upper/lower flammability or explosive limits: Information not available.

Vapour pressure: Information not available.

Vapour density: Information not available.

Relative density: < 1.

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: Aerosol. May explode when heated or when exposed to flames or sparks.

Oxidising properties: Does not meet the criteria for classification as oxidising.

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

No information required.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Keep away from flame.

10.6. Hazardous decomposition products

Outer effects can decomposes product package.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Gaseous flammable.

SECTION 12: Ecological information**12.1. Toxicity**

No information available.

12.2. Persistence and degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Unknown.

12.5. Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Information not available.

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.

SECTION 14: Transport information**14.1. UN number**

UN1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2.1

14.4. Packing group

Packing instruction 203

14.5. Environmental hazards

Not applicable.

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

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

Abbreviations and acronyms

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

EC₅₀: 50% of maximal Effective Concentration.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

NOEC: No Observed Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

UN: United Nations.

vPvB: Very Persistent and Very Bioaccumulative.

Acute Tox. = Acute toxicity

Aerosol = Aerosol

Aquatic Acute = Hazardous to the aquatic environment (acute)

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Asp. Tox. = Aspiration hazard

Press. Gas (Comp.) = Gas under pressure: Compressed gas

Skin Sens. = Skin sensitisation

STOT SE = Specific target organ toxicity-single exposure

Full text of hazard statements listed in Section 3

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated.

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.