
Safety Data Sheet

Pepper Spray - Safety Data Sheet

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1. Identification of Substance and Company Identity

1.1 Product Identifier

- **Identification of Substance:** Direct Stream Pepper Spray
- **Recommended Use:** Personal Protection
- **Restrictions on Use:** None known

1.2 Supplier's Details

- **Company:** Rednut Aerosols
 - **Address:** 9A Delfos Street, Alrode South, Gauteng, 1448, South Africa
 - **Emergency Telephone:** +27 (0) 72 523 4413 (office hours)
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2. Hazard(s) Identification

Classification of the substance or mixture

- **Press. Gas H280:** Contains gas under pressure; may explode if heated
- **Skin Irrit. 2 H315:** Causes skin irritation
- **Eye Irrit. 2A H319:** Causes serious eye irritation
- **STOT SE 3 H335:** May cause respiratory irritation

GHS Label Elements

- **Hazard Pictograms:**



GHS 04



GHS 07

Signal Word: Warning

Hazard –determining components of labelling:

Oleoresin Capsicum

Hazard Statements

H280 : Contains gas under pressure; may explode if heated

H315 : Causes skin irritation

H319: Causes serious eye irritation

H335: May cause respiratory irritation

Precautionary Statements

General :

	<u>Keep out of reach of children.</u>
P261	Avoid breathing mist / vapours/sprays
P264	Wash thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P305+P351+P338	<u>If in eyes</u> :Rinse cautiously with water for at least 15 minutes. Remove contact lens, if present and easy to do.
P302+P352	<u>If on skin</u> : Wash with plenty of water.
P304+P340	<u>If inhaled</u> : Remove person to fresh air and keep comfortable for breathing.
P312	Call a doctor if feeling unwell.
P332+P313	If skin irritation occurs get medical advice
P337+P313	If irritation persists get medical advice
P362+P364	Take off contaminated clothing and wash it before reuse
P405	Store locked up
P410+P403	Protect from sunlight. Store in a well-ventilated place
P501	Dispose of contents/ container in accordance with local regulations

3. Composition / Information on Ingredients

Component	CAS No.	% Composition
Water	7732-18-5	60–70%
Emulsifier / surfactant	Trade Secret	15–25%
Oleoresin Capsicum	8023-77-6	10–20%
Alcohol Denat.	64-17-5	10–15%
Propellant Type: Inert Propellant		

4. First Aid Measures

- **Skin Contact:** Wash thoroughly with soap and water. Seek medical attention if irritation occurs.
 - **Eye Contact:** Rinse immediately with water for at least 15 minutes. Remove contact lenses if possible.
 - **Inhalation:** Move victim to fresh air, ensure breathing comfort. Seek medical attention if irregular breathing.
 - **Ingestion:** Not typical route. Rinse mouth, drink water, do not induce vomiting, seek medical help.
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5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Use firefighting measures appropriate to surroundings
 - **Unsuitable Media:** None known
 - **Fire-Fighter Precautions:** Use full protective gear and self-contained breathing apparatus
 - **Special Hazards:** Risk of bursting containers under heat due to vapour pressure
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6. Accidental Release Measures

- **Personal Precautions:** For large spills, wear protective gear and respiratory device
 - **Environmental Precautions:** No special measures required
 - **Spill Cleanup:** Contain spillage, and then collect with non-combustible absorbent material (e.g., sand, diatomaceous earth, vermiculite) and place in container for disposal according to local Waste Management Directives. Wash spillage site with plenty of water.
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7. Handling & Storage

- **Handling:** Use in well-ventilated areas. Avoid splashing in enclosed areas

- **Hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
 - **Storage:** Do not store above 50°C. Store in accordance with local Regulations. Store away from direct sunlight in a dry, cool and well-ventilated area. Eliminate all sources of ignition.
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8. Exposure Controls / Personal Protection

- **Ventilation:** Ensure adequate ventilation
 - **Hand Protection:** Protective gloves. Glove material should be impermeable and resistant to the product.
 - **Respiratory Protection:** Use suitable respirator if ventilation is inadequate
 - **Eye Protection:** Use approved safety eyewear
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9. Physical and Chemical Properties

- Appearance (physical state, colour, etc) : Spray.
 - Odour: : Pungent
 - pH value : Not available
 - Specific Gravity @ 25 °C : Not available
 - Solubility : Soluble in water
 - Melting point / Freezing point : Not available
 - Boiling Point : >100°C
 - Flash point : Not applicable
 - Decomposition temperature : No information available
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10. Stability and Reactivity

- **Chemical stability:** The product is stable under normal ambient and anticipated storage and handling conditions and pressure.
 - **Hazardous reactions:** None under normal processing conditions.
 - **Conditions to avoid:** Avoid exposure to elevated temperatures. Avoid exposure to direct sunlight and all possible sources of ignition.
 - **Incompatible materials:** No information available.
 - **Hazardous decomposition products:** None known under normal conditions of storage and use.
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11. Toxicological Information

Oleoresin Capsicum (CAS 8023-77-6)

- **Oral LD50 (rat):** 3000 mg/kg

- **Dermal LD50 (mouse):** >2500 mg/kg

Inhalation: Irritant to respiratory system

Skin Contact: Irritant to skin and mucous membranes

Eye Contact: Irritant to the eye

12. Ecological Information

- **Eco-Toxicity:** No data Packaging components are compatible with the conventional solid waste management practices.
- **Persistence/Degradability:** No data
- **Bio accumulative Potential:** No data

13. Disposal Considerations

Product Disposal:

This product should be disposed of in accordance with local Regulations and should not be directly entered into sewerage systems, nor should it be disposed of into the local environment.

Container Disposal:

The container / packaging material should be disposed of in accordance with local regulations. If the container is to be recycled, the receiver must be informed about possible hazards.

14. Transport Information

Regulation	UN No.	Proper Shipping Name	Hazard Class	Packing Group	Label
ADR/RID	1950	Aerosols	2.2 (5A)	II	
IMDG	1950	Aerosols	2.2	II	
IATA	1950	Aerosols, non-flammable	2.2	II	

15. Regulatory Information

- All substances used comply with relevant health, safety, and environmental regulations
 - No chemical safety assessment has been conducted
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16. Other Information

- **Revision:** 2 (25 January 2021)
- **Changes:** Trade Secret Omitted / Updated Address

Abbreviations:

PPE	: Personal Protective Equipment
GHS	: Globally Harmonized System of Classification and Labelling of Chemicals
ADR	: European agreement on the International Carriage of Dangerous Goods by Road
RID	: Regulations Concerning International Carriage of Dangerous Goods by Rail
ICAO / IATA	: International Air Transport Association Standard for transportation of dangerous goods by Air
IMDG	: International Maritime Dangerous Goods
UN	: United Nations

Disclaimer:

The information contained in this Safety Data Sheet is based upon the prevailing knowledge and information available at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with other materials or in any process, unless specified in the text.