

REDNUT AEROSOLS

Safety Data Sheet

Pepper Spray

1. Identification of Substance and Company Identity

1.1 Product Identifier

- 1.1.1 Identification of the substance : Direct Stream Pepper Spray
1.1.2 Recommended Use : Personal Protection
1.1.3 Restrictions on Use : None known

1.2 Supplier's Details

- Company : Rednut Aerosols
11 Coppel Road
Alrode South , Gauteng
1448 South Africa
- Emergency Telephone number : +27 (0) 72 523 4413 (office hours)

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

Components INCI Nomenclature	CAS Number CAS No.	% Value (%)
Water	7732-18-5	60 - 70
Polysorbate 80	9005-65-6	15 – 25
Oleoresin Capsicum	8023-77-6	10 - 20
Alcohol Denat.	64-17-5	10 - 15
Nitrogen	7727-37-9	1 - 5

4. First Aid Measures

Skin Contact: Immediately wash with water and soap and rinse thoroughly.
If irritation or rash occurs get medical attention.

Eye Contact: Rinse immediately thoroughly with plenty of water for at least 15 minutes. Remove contact lenses , if present and easy to do.
If irritation persists get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in position comfortable for breathing. If breathing is irregular seek medical attention.

Ingestion : Not an expected route of exposure. If swallowed rinse out mouth and drink plenty of water. Do not induce vomiting, get medical attention.

5. Fire – Fighting Measures

Suitable extinguishing media : Use fire fighting measures that suit the environment.

Unsuitable extinguishing media: None known.

Precautions for fire-fighters : Wear self – contained breathing apparatus and full protective gear where applicable.

Special hazards arising from the mixture : Danger of containers bursting due to high vapour pressure if heated.

6. Accidental Release Measures

Personal Precautions: For large spills use respiratory protective device and protective clothing. Ensure adequate protection.

Environment precautions: No special measures required.

Methods and materials for containment: 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.

7. Handling & Storage

Precautions for safe handling : Use only in well ventilated areas. Avoid splashes in enclosed areas.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Storage conditions : 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.

8. Exposure Controls / Personal Protection

Exposure guidelines : Use only with adequate ventilation.

PPE needed for hand protection: Protective gloves. Glove material should be impermeable and resistant to the product.

PPE needed for respiratory protection: Use suitable respiratory protective device.

PPE needed for eye protection: Safety eyewear complying with an approved standard should be used .

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

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.

11. Toxicological Information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant
Oleoresin Capsicum (8023-77-6)
Oral LD50: 3000mg /Kg (rat)
Dermal LD50: >2500mg/Kg (mouse)

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 relevant information available

Packaging components are compatible with the conventional solid waste management practices.

Persistence and degradability: No data available




Bio- accumulative potential : No data available

13. Disposal Considerations

13.1 **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.

13.2 **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	Label
ADR & RID UN No.: 1950 Proper Shipping name: Aerosols Hazard Class :2.2 5A Packing group: II	
IMDG UN No.: 1950 Proper Shipping name: Aerosols Hazard Class :2.2 Packing group: II	
IATA UN No.: 1950 Proper Shipping name: Aerosols , non flammable Hazard Class :2.2 Packing group: II	

15. Regulatory Information

Substances used in product comply with current Safety, health and environmental Regulations.

Chemical safety assessment has not been carried out.

16. Other Information

Revision of Safety Data Sheet

Revision 1, 25th January 2021

Changes made

First issue.

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.