

SAFETY DATA SHEET

According to UK REACH Regulation

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: Colloidal Silver Petcare Ear Drops for Cats

Product code: CSP-CATSEAR

Product type: Cosmetic/Hygiene product for veterinary use

1.2 Relevant identified uses and uses advised against

Identified uses: Pet ear hygiene product for external use on cats

Uses advised against: Not for human use. Not for internal consumption. Not for injection or direct instillation into ear canal.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Optimised Energetics Ltd.
Unit 3-4 Castle Keep Business Centre
High Street
Wadhurst
TN5 6AH
United Kingdom

Email: admin@optimisedenergetics.co.uk

Telephone: 01892 457360

1.4 Emergency telephone number

Emergency contact: 01892 457360 (Office hours: Mon-Fri 9am-5pm)

National Poisons Information Service (UK): 0344 892 0111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Not classified as hazardous according to CLP regulation.

2.2 Label elements

Hazard pictograms: None required

Signal word: None

Hazard statements: None

Precautionary statements:

- For external use only
- Keep out of reach of children
- Avoid contact with eyes
- If in eyes: Rinse cautiously with water for several minutes

2.3 Other hazards

No other known hazards. Product does not meet PBT/vPvB criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredient Name	INCI Name	Concentration (%)	CAS No.
Water	Aqua	90-92%	7732-18-5
Vegetable Glycerine	Glycerin	4-6%	56-81-5
German Chamomile Water	Chamomilla Recutita Flower Water	1-2%	84082-60-0
Rosemary Leaf Water	Rosmarinus Officinalis Leaf Water	1-2%	84604-14-8
Carbopol Ultrez 21	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	<1%	9003-01-4
Phenoxyethanol	Phenoxyethanol	<1%	122-99-6
Marigold Powder	Calendula Officinalis Flower Powder	<1%	84776-23-8
Triethanolamine	Triethanolamine	<1%	102-71-6
Aloe Leaf Juice Powder	Aloe Barbadensis Leaf Juice Powder	<1%	85507-69-3
Sodium Benzoate	Sodium Benzoate	<1%	532-32-1
Potassium Sorbate	Potassium Sorbate	<1%	24634-61-5
Silver	CI 77820 (Silver)	<1%	7440-22-4

Note: All ingredients are present at concentrations below classification thresholds for hazardous substances.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

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

Skin contact: Wash with plenty of soap and water. If irritation develops and persists, seek medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting. Give water to drink if conscious. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person.

Inhalation: Not applicable under normal use conditions. If mist is inhaled, move to fresh air. Seek medical attention if symptoms develop.

4.2 Most important symptoms and effects, both acute and delayed

No significant symptoms expected under normal use. Possible mild irritation if product enters eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote required.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray, foam, dry chemical, carbon dioxide.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Product is not flammable. In case of fire, may release carbon dioxide, carbon monoxide, and other toxic gases.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Use water spray to cool containers exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment. Avoid contact with eyes. Ensure adequate ventilation.

6.2 Environmental precautions

Prevent entry into drains, sewers, or watercourses. If large spill occurs, contain and collect for disposal.

6.3 Methods and material for containment and cleaning up

Absorb spillage with inert absorbent material (e.g., sand, earth, cloth). Collect and place in suitable container for disposal. Wash spill area with water and detergent. Do not flush into drains.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes. Wash hands after handling. Use only as directed on label. Do not ingest. Ensure good ventilation during use.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, dry place. Keep out of direct sunlight. Keep container tightly closed when not in use. Store at room temperature (15-25°C).

Shelf life: 24 months unopened. Use within 12 months of opening.

Incompatible materials: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No specific exposure limits established for this product. All ingredients are used at concentrations below established workplace exposure limits where applicable.

8.2 Exposure controls

Appropriate engineering controls: None required under normal use conditions. Ensure adequate ventilation in manufacturing environments.

Personal protective equipment:

- **Eye/face protection:** Not normally required for intended use. Safety glasses recommended during manufacturing.
- **Skin protection:** Not normally required for intended use. Gloves recommended during manufacturing.
- **Respiratory protection:** Not required under normal use conditions.

Environmental exposure controls: No special requirements.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear to slightly opalescent liquid
Color:	Colorless to pale yellow
Odor:	Mild herbal scent
pH:	5.0 - 7.0 (typical)
Melting/Freezing point:	~0°C
Boiling point:	~100°C
Flash point:	Not applicable (aqueous product)
Vapor pressure:	~23 hPa at 20°C (predominantly water)
Density:	~1.0 g/cm ³ at 20°C
Solubility:	Miscible with water
Viscosity:	Low viscosity liquid

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions known under normal conditions of use and storage.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal conditions.

10.4 Conditions to avoid

Excessive heat, direct sunlight, freezing temperatures.

10.5 Incompatible materials

Strong oxidizing agents, strong acids, strong bases.

10.6 Hazardous decomposition products

None expected under normal conditions. In case of fire: carbon monoxide, carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes

Acute toxicity: Not classified. Based on available data and low concentrations of ingredients, the product is not expected to be acutely toxic.

Skin corrosion/irritation: Not classified. Not expected to cause skin irritation under normal use.

Serious eye damage/irritation: May cause mild eye irritation. Rinse thoroughly if contact occurs.

Respiratory sensitization: Not classified. No evidence of respiratory sensitization.

Skin sensitization: Not classified. Individual ingredients not known to cause sensitization at use concentrations.

Germ cell mutagenicity: Not classified. No mutagenic effects expected.

Carcinogenicity: Not classified. Product does not contain carcinogens.

Reproductive toxicity: Not classified. No reproductive toxicity expected.

STOT - single exposure: Not classified.

STOT - repeated exposure: Not classified.

Aspiration hazard: Not classified.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The product is not expected to be hazardous to the environment. Individual ingredients are biodegradable and have low aquatic toxicity at concentrations present in this formulation.

12.2 Persistence and degradability

Product is readily biodegradable. Main component is water with natural botanical extracts.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

Product is water-based and will be mobile in soil. Botanical components expected to biodegrade.

12.5 Results of PBT and vPvB assessment

Product does not meet criteria for PBT or vPvB classification.

12.6 Endocrine disrupting properties

No endocrine disrupting properties identified.

12.7 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Dispose of in accordance with local regulations. Small quantities may be diluted with water and disposed of via wastewater treatment. Larger quantities should be collected for authorized disposal.

Contaminated packaging: Empty containers should be recycled where facilities exist. Rinse containers before recycling or disposal.

Waste code: 20 01 30 (detergents other than those mentioned in 20 01 29) - or as appropriate according to local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not classified as dangerous for transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not classified as environmentally hazardous.

14.6 Special precautions for user

None required. Transport in accordance with good practice.

14.7 Transport in bulk

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations

UK REACH: All ingredients are registered or exempt under UK REACH where applicable.

Classification: Not classified as hazardous under CLP Regulation (EC) No 1272/2008.

Product status: Pet hygiene/cosmetic product. Not a veterinary medicinal product.

Restrictions: For external animal use only. Not for human use.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture. Individual ingredient safety has been assessed at use concentrations.

SECTION 16: OTHER INFORMATION

Revision information

Version: 1.0

Issue date: 13/11/2025

Revision date: 13/11/2025

Key literature references and sources for data

Information contained in this SDS is based on supplier safety data sheets, scientific literature, and product testing data.

Training advice

Ensure users are trained in proper handling and application of the product. Follow label instructions carefully.

Abbreviations and acronyms

- CAS: Chemical Abstracts Service

- CLP: Classification, Labelling and Packaging
- INCI: International Nomenclature of Cosmetic Ingredients
- PBT: Persistent, Bioaccumulative and Toxic
- ppm: Parts per million
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SDS: Safety Data Sheet
- STOT: Specific Target Organ Toxicity
- vPvB: Very Persistent and very Bioaccumulative

Disclaimer

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Optimised Energetics Ltd.

Unit 4 Castle Keep Business Centre, High Street, Wadhurst, TN5 6AH

Email: admin@optimisedenergetics.co.uk | Tel: 01892 457360

END OF SAFETY DATA SHEET