

# MATERIAL SAFETY DATA SHEET

NATURES GREATEST SECRET COLLOIDAL SILVER PETCARE TICK & FLEA REPELLENT 250MLS  
(FOR DOGS)

Date: 28<sup>th</sup> October 2022

## 1. Product Name and Company Identification

Product Name: Colloidal Silver Petcare Tick & Flea Repellent 250 mls (For Dogs)

SKU: CSP-REPEL

Company Name: Optimised Energetics Ltd

Brand Name: Nature's Greatest Secret

Company Address: Castle Keep Business Centre, High St, Wadhurst, East Sussex TN5 6AH

## 2. Hazards Identification

This product is not hazardous. Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

## 3. Composition/ information on Ingredients/Allegens

Chemical Identity: Mixture

Composition: Deionized/demineralized H2O with other possible unmeasured trace minerals and .9999 silver added in the amount of approx. 20 parts per million, Melia azadirachta seed oil, Cymbopogon flexuosus, Juniperus virginiana wood oil, Caprylyl capryl glucoside & aqua & diisopropyl adipate & triethyl citrate, Vitamin E, Maltodextrin.

Allergens: Citral, Geraniol, Limonene, Linalool

## 4. First Aid Procedures

Skin Contact: If a reaction occurs, rinse irritated area with soap and water then rinse with fresh water for at least 10 minutes.

Eye Contact: Rinse with sterile water.

Inhalation: Remove from exposure site to fresh air.

Ingestion: If swallowed do not induce vomiting, seek medical advice.

## 5. Fire Fighting Measures

Suitable Extinguishers: Water Spray, Foam, Carbon Dioxide.

Unsuitable Extinguishers: Direct water jet.

Fire Hazard: Products of combustion – Oxides of Carbon, burning fumes are acid.

## 6. Accidental Release Measures

Personal Precautions: Avoid direct contact with the eyes.

Safety Clothing: N/A.

Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.

Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

Prohibited Materials: Oxidising substances.

## 7. Handling and Storage

Handling: Avoid spillage and eye contact.

Ventilation: N/A

Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in sealed containers.

Fire Protection: Keep away from ignition sources and naked flames. Take precautions to avoid static discharges in working area.

Container materials:

Stainless Steel or glass for bulk storage or plastic for small quantities.

## 8. Exposure Control/ Personal Protection

Precautions: Wash all items that come into contact with the product before and after each use.

Engineering Control: None.

Control Limits: Vary your base products to reduce the chance of acquiring a sensitivity reaction.

Personal Protection

Respiratory: Not required.

Hand Protection: Wear Gloves If applicable

Eye Protection: Wear goggles if applicable

Skin Protection: Wear suitable protection clothing if applicable

Other: Evaluate the need of protection based on the application of the product.

## 9. Physical & Chemical Properties

Physical State: Fluid

Odour: Lemongrass, Neem, Cedarwood

Colour: Opaque Yellowish

PH Level: 5.3 +/- 0.5

Boiling Point: N-A

Flash Point: >340°C.

Auto flammability: N/A

Explosive properties: N/A

Oxidizing Properties: N/A

Melting Point: N/A

Specific Gravity: N-A

Viscosity: N-A

Vapour Pressure mm: Not reported.

Evaporation rate: N/A

Solubility in water: Soluble

Solubility in solvent: Soluble

## 10. Stability and Reactivity

The product is stable under normal storage conditions.

Conditions to avoid: Refrigeration, electrical items, direct sunlight, high temperatures.

Materials to avoid: Oxidizing agents

Polymerisation Hazard: Will not occur

#### 11. TOXICOLOGICAL INFORMATION:

General: Product is non-toxic

Acute LD50: No Data Available

Carcinogenicity: Not carcinogenic

Mutagenicity: No Data Available

#### 12. ECOLOGICAL INFORMATION:

Biodegradability: Biodegradable

Precautions: Prevent surface contamination of soil, ground and surface water.

#### 13. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations. Avoid disposing to drainage systems and into the environment. Seek expert advice.

#### 14. TRANSPORT REGULATIONS:

Road: n/a

Rail: n/a

Air: n/a

Sea: n/a

#### 15. REGULATORY INFORMATION:

Labels for Conveyance: n/a

Labels for Supply: n/a

#### 16. FURTHER INFORMATION:

Whilst Optimised Energetics Ltd gives the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data. Safety information is under continuous review.

**DISCLAIMER:** This information was prepared with the latest information known to Optimised Energetics Ltd. Anyone purchasing our products are believed by us to be responsible adults who have exercised their right to do research and are making an informed decision. All rights are reserved under Common Law, without prejudice.