pharmachem
CARING FOR YOUR CREATURE'S COMFORTS

# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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| GHS Product identifier: | Antiseptic Quit-Itch Lotion Bactericide - Fungicide |
| Other means of identification: | Quit-Itch |
| Recommended use of the product and restrictions on use: | Broad spectrum antiseptic skin treatment for skin care of dogs, cats and horses; an aid in the treatment of eczema, non-specific dermatoses and fungal infections, including ringworm (*Microsporum* spp. and *Trichophyton* spp.); an emergency treatment for lacerations, wire cuts, burns, abrasions and other superficial animal wounds; as an aid in the treatment of Queensland itch, saddle acne, girth itch and greasy heel for horses. |
| Supplier's Details: | Pharmachem Australia Pty Ltd<br>Unit 6, 70 Fison Ave West<br>Eagle Farm QLD 4009<br>Telephone: (07) 3868 0333 |
| **Emergency phone number:** | **13 11 26 (Poisons Information Hotline)** |

## SECTION 2 HAZARDS IDENTIFICATION

Classification of Product:
This product is classified as a health hazard in accordance with the classification criteria of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Eighth Revised Edition.

Health hazards: Causes skin irritation, causes serious eye irritation.

Skin irritant Category 2
GHS label elements, including precautionary statements:
Pictogram:

Signal word: Warning
Hazard statements: Causes skin irritation
Precautionary statements:

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| Prevention: | Keep out of reach of children |
| | Wear suitable protective clothing and gloves |
| | Do not eat drink or smoke when using this product |
| | Wash hands thoroughly after handling |
| Response: | If on skin wash with plenty of soap and water |
| | If skin irritation occurs get medical advice/attention |

Eye corrosion/irritant Category 2
GHS label elements, including precautionary statements:
Pictogram:

Signal word: Warning

Hazard statements: Causes serious eye damage

Precautionary statements:

Prevention: Avoid contact with eyes. Wear safety glasses / goggles
Wash hands thoroughly after handling

Response: If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical advice.

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Cas No. | Proportion (% w/v)) |
|---|---|---|
| Iodophor | 39392-86-4 | 4 |
| Povidone iodine | 25655-41-8 | 1.5 |
| Nonyl phenol ethoxylate | 26571-11-9 | <25 |
| Proprietary non-hazardous ingredients | Not applicable | QS |

## SECTION 4 FIRST AID MEASURES

The following First Aid directions have been derived from the FAISD Handbook published by the Australian Pesticides and Veterinary Medicines Authority (APVMA). These directions have been developed on the basis of advice provided by the Office of Chemical Safety (OCS) of the Commonwealth Department of Health:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766.

However, the following additional information is provided for assistance in emergencies while implementing the First Aid instructions:

Inhalation: If first aid is required, move victim to fresh air.
Eye Contact: Flush immediately with water for 15 to 20 minutes.
Skin Contact: Remove contaminated clothing. Wash affected area with soap & water.
Ingestion: Give two glasses of water. Do not induce vomiting.

## SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Use water spray, carbon dioxide, alcohol type or universal type foam applied in accordance with the manufacturer's instructions.

Hazards from combustion products: May form oxides of carbon and nitrogen under fire conditions.

Special protective precautions and equipment for fire fighters: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode.

Additional information: Do not release run-off from fire control methods to sewers or waterways.

Hazchem Code: None allocated

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures: Contain spill and prevent spilled material from entering drains or water courses.

Methods and materials for

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| containment and clean up: | Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for disposal. |

## SECTION 7 HANDLING AND STORAGE

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| Precautions for safe handling: | Avoid contact with skin and eyes. |
| Conditions for safe storage, including any incompatibilities: | Store below 30°C (Room Temperature) in the original container, tightly closed, in a dry place out of direct sunlight. |

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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| National exposure standards: | Iodine:<br>TWA* 0.1 ppm<br>TWA* (Peak Limit) 1 mg/$m^3$<br>(* - Time Weighted Average for an eight hour day and a five day working week)<br>(Peak limitation - a maximum or peak airborne concentration of a substance determined over the shortest analytically practicable period of time.) |
| Biological limit values: | None set |
| Engineering controls: | Use in a well-ventilated area. |
| Personal protective equipment: | Prevent skin and eye exposure. Clean overalls or protective clothing should be worn together with impermeable (rubber or PVC) protective gloves. Eye protection in the form of goggles or full face shield is advisable. Wash contaminated clothing and other protective equipment before storing or re-using. |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Dark brown liquid |
| pH: | 2.0 – 3.0 |
| Available Iodine: | > 0.75 % w/v |
| Foam Height (0.5% @ 50ºC): | High foaming |
| Specific Gravity: | 1.03 - 1.05 |

## SECTION 10 STABILITY AND REACTIVITY

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| Chemical stability: | Stable |
| Conditions to avoid: | Incompatibles, excessive heat |
| Incompatible materials: | Reactive with oxidizing and reducing agents, active metals |
| Hazardous decomposition products: | Oxides of carbon and nitrogen may be formed under fire conditions |
| Hazardous reactions: | Hazardous polymerisation has not been reported |

## SECTION 11 TOXICOLOGICAL INFORMATION

Routes of Exposure:

Exposure to Quit-Itch can occur through ingestion and eye or skin contact. The major routes of exposure are expected to be eye and skin contact. There are no toxicology data available for Quit-Itch.

Signs and symptoms of exposure: Causes skin irritation, causes serious eye irritation.

Summary of Toxicology:

Acute toxicity:

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| $LD_{50}$ (Iodine) | |
| Oral (Rat) | 14000 mg/kg |
| Oral (Mouse) | 22000 mg/kg |
| Oral (Rabbit) | 10000 mg/kg |
| | |
| $LD_{50}$ (Povidone-Iodine) | |
| Oral (Rat) | 8000 mg/kg |
| Oral (Mouse) | 8100 mg/kg |
| Oral (Guinea Pig) | 7750 mg/kg |
| | |
| $LD_{50}$ (Nonoxynol-9) | |
| Oral (Rat) | 3000 mg/kg |
| Oral (Mouse) | 4290 mg/kg |
| Oral (Rabbit) | 4400 mg/kg |
| Oral (Guinea Pig) | 2000 mg/kg |

## SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: No information available. As a precaution, do not contaminate drains, sewers or ponds with the chemical or used containers.

## SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and containers:
The APVMA has approved the following disposal statement for empty product containers:
Dispose of empty container by wrapping with paper and putting in garbage.

Special precautions for landfill or incineration:
Do not burn unused product or empty containers. Unused product should be disposed of in accordance with local authority instructions.

## SECTION 14 TRANSPORT INFORMATION

This material is not defined as dangerous goods under the Australian Code for the Transport of Dangerous Goods by Road and Rail and is therefore not specifically regulated under transport legislation in Australia.

## SECTION 15 REGULATORY INFORMATION

This product has been registered by the APVMA. In granting registration to any product, the APVMA has exercised its legislative responsibility to ensure that the product is suitably formulated and properly labelled and, when used according to instructions is:

- safe to the host, the user, consumers and the environment;
- efficacious (that is, the product does the job it claims it shall do); and
- not unduly prejudicial to trade.

The APVMA uses the services of a number of Australian and State government agencies as advisers to help with some of these evaluations of applications for registration of agricultural and veterinary chemical products. These include:

- the Office of Chemical Safety (OCS) of the Commonwealth Department of Health which:
  - evaluates and reports on toxicology and metabolism studies; proposes first aid and safety directions; determines poison schedule classifications; and establishes acceptable daily intakes (ADIs) and acute reference doses (ARfD); and

  - evaluates the occupational health and safety aspects of an application and recommends safety directions and occupational controls on use and advises on a Safety Data Sheet (MSDS);
- the Commonwealth Department of the Environment which evaluates environmental data and recommends appropriate use controls and instructions for the product that will protect the environment; and
- State and Territory departments responsible for agricultural and primary industries which evaluate and reports on efficacy and target crop or animal safety data for new agricultural chemicals and new uses of registered products. In some cases, the APVMA contracts this work out to other agencies such as universities, the CSIRO or to other experts.

The nonylphenol ethoxylate surfactant has been subject to a group tier II Human Health assessment under the Australian Industrial Chemicals Introduction Scheme (AICIS) and it is considered that assessment of these chemicals is sufficient, provided that the recommended amendment to the classification is adopted, and all other requirements are met under workplace health and safety and poisons legislation as adopted by the relevant state or territory.

The group was also subject to a tier II Environment assessment, and it has been recommended that the chemicals in this group be included in the Tier III assessment of nonylphenols, to establish the extent to which these chemicals contribute to nonylphenol ecotoxicity in Australia. Additive effects of the short chain degradation products may also be considered in this assessment.

Povidone iodine has been assessed under AICIS and it has been concluded that this chemical can be manufactured or imported into Australia for commercial purposes without notification under AICIS, provided that the Australian importer/manufacturer is currently registered as required.

None of the ingredients in Quit-Itch are scheduled poisons at the concentrations present in the product and therefore it is not subject to requirements associated with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) published by the Commonwealth Department of Health.

## SECTION 16 OTHER INFORMATION

**References:**

1. FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals, (as updated), APVMA (Australian Pesticides and Veterinary Medicines Authority), https://apvma.gov.au/node/26586
2. Code of Practice – Preparation of safety data sheets for hazardous chemicals, Safe Work Australia, May 2018, https://www.safeworkaustralia.gov.au/doc/model-code-practice-preparation-safety-data-sheets-hazardous-chemicals
3. Australian Inventory of Industrial Chemicals (as updated), AICIS (Australian industrial Chemicals Introduction Scheme), Australian Government Department of Health, https://www.industrialchemicals.gov.au/search-inventory
4. APVMA Registrations and Permits, https://apvma.gov.au/node/1060
5. ADI [Acceptable Daily Intake] List (as updated), Commonwealth Department of Health, TGA (Therapeutic Goods Administration), https://apvma.gov.au/sites/default/files/publication/74511-acceptable_daily_intakes_adi_for_agricultural_and_veterinary_chemicals_used_in_food_producing_crops_or_animals_-_edition_4_2020.pdf
6. The Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code), Edition 7.7, 2020, https://www.ntc.gov.au/sites/default/files/assets/files/ADG%20Code%207.7_0.pdf
7. SUSMP (Standard for the Uniform Scheduling of Medicines and Poisons) (as updated), Chemicals and Medicines Scheduling Secretariat (MD122), Scheduling and Committee Governance, TGA, Commonwealth Department of Health, https://www.tga.gov.au/publication/poisons-standard-susmp
8. Hazardous Chemical Information System (HCIS), Safework Australia (as updated), http://hcis.safeworkaustralia.gov.au/
9. Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Eighth Revised Edition, United Nations, New York and Geneva, 2019, https://unece.org/ghs-rev8-2019

10. NIOSH Pocket Guide to Chemical Hazards
11. Chemical Classification and Information Database (CCID) (as updated), New Zealand Environmental Protection Authority, http://www.epa.govt.nz/search-databases/Pages/HSNO-CCID.aspx