

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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
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Contact Person: Mr Gray Boston
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SECTION 2 HAZARDS IDENTIFICATION

Classification of Product:

This product is classified as not hazardous in accordance with the classification criteria of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third Revised Edition.

In general, there are no significant data to suggest any specific hazard to humans. Exposure to small quantities is not expected to cause major adverse health effects.

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 set by the Office of Chemical Safety and Environmental Health (OCSEH) of the Commonwealth Department of Health and Aging:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766. (*FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals*)

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 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

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

National exposure standards:	Iodine: TWA* 0.1 ppm TWA* (Peak Limit) 1 mg/m ³ (* - Time Weighted Average for an eight hour day and a five day working week)
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

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

SECTION 10 STABILITY AND REACTIVITY

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: Not known.

Summary of Toxicology:

Acute toxicity:

LD ₅₀ (Iodine)	
Oral (Rat)	14000 mg kg ⁻¹
Oral (Mouse)	22000 mg kg ⁻¹
Oral (Rabbit)	10000 mg kg ⁻¹

LD₅₀ (Povidone-Iodine)

Oral (Rat)	8000 mg kg ⁻¹
Oral (Mouse)	8100 mg kg ⁻¹
Oral (Guinea Pig)	7750 mg kg ⁻¹

The assessment of the individual components of this product using the classification of mixtures procedures of the GHS indicates that this material is non-hazardous as defined by the GHS for all routes of exposure.

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 Australian Pesticides & Veterinary Medicines Authority (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 Australian Pesticides and Veterinary Medicines Authority (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 and Ageing 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 Material Safety Data Sheet (MSDS);
- the Commonwealth Department of the Environment and Heritage (DEH) 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.

Although all ingredients appear in the Australian Inventory of Chemical Substances (AICS), they have not been assessed by NICNAS (National Industrial Chemicals Notification and Assessment Scheme)

This material has not been included in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) by the Commonwealth Department of Health and Ageing.

SECTION 16 OTHER INFORMATION

MSDS version:	1
Date of Revision:	May 2016
Update of sections:	Update to GHS

CONTACT POINT

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References:

1. FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals, (as updated)
2. Approved Criteria For Classifying Hazardous Substances, NOHSC:1008 (2004)
3. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011]
4. AICS (Australian Inventory of Chemical Substances), Safework Australia
5. APVMA Manual of Requirements and Guidelines for Agricultural Chemicals, Version 4.1, (as updated)
6. ADI [Acceptable Daily Intake] List, Commonwealth Department of Health & Aged Care, TGA, (as updated)
7. The Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 7th Edition
8. The Poisons Standard (as updated), National Drugs and Poisons Schedule Committee
9. Hazardous Substances Information System, Safework Australia (as updated)
10. Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third Revised Edition, United Nations, New York and Geneva, 2009

11. NIOSH Pocket Guide to Chemical Hazards

12. Chemical Classification and Information Database (CCID) (as updated), New Zealand Environmental Protection Authority, <http://www.epa.govt.nz/search-databases/Pages/HSNO-CCID.aspx>

All information contained in this Material Safety Data Sheet is as accurate and up to date as possible. Since Pharmachem cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Pharmachem will not be responsible for damages of any nature resulting from use of or reliance upon the information. No expressed or implied warranties are given other than those implied as mandatory by Commonwealth State or Territory legislation.