

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) name: Kuritch
Other names: None allocated
Recommended use: Assists in the control of allergic skin conditions in horses caused by insect bites
Supplier Details: Pharmachem
Unit 6, 70 Fison Ave West
Eagle Farm QLD 4009
Telephone: (07) 3868 0333
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Contact Person: Mr Gray Boston
Emergency Telephone: (07) 3630 1654

SECTION 2 HAZARDS IDENTIFICATION

This product is classified as hazardous according to the classification criteria of NOHSC:1008(2004), Approved Criteria For Classifying Hazardous Substances and the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]:

HEALTH EFFECTS

SKIN: In minor cases contact with the skin may result in a mild skin irritation.
EYES: Contact with the eyes may result in physical irritation.
INGESTION: May be harmful if swallowed.
INHALED: Excess inhalation should not cause discomfort.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	Cas No.	Proportion (% w/w)
N,N-Diethyl-M-Toluamide	134-62-3	5.2
Citronella Oil	8000-29-1	9.4
Vegetable Oil	N/A	<30
Mineral Oil	N/A	<46
Proprietary inert excipients	N/A	<15

SECTION 4 FIRST AID MEASURES

The following First Aid directions have been set by the Office of Chemical Safety (OCS) of the Commonwealth Department of Health and Aging:

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126. (FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals)

The following additional information is provided to further assist in emergent circumstances:

INGESTION:	If swallowed and a reaction occurs, contact a Doctor or Poisons Information Centre.
EYES:	Irrigate with copious quantities of water for 15 minutes. Seek medical assistance if effects persist.
SKIN:	Not Applicable
INHALED:	Not Applicable

ADVICE TO DOCTORS: Treat Symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Foam, dry chemical, or water spray
Hazards from combustion products:	Vapor accumulation is possible, and flashback can occur with explosive force if vapors are ignited.
Special protective precautions and equipment for fire fighters:	Fire fighters should wear full protective clothing including self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Eliminate all sources of ignition. Wash area down with excess water. Contain wash water and absorb with inert absorbent material. DO NOT wash untreated material down drain/sewer. Slippery when spilt. Avoid accidents, clean up immediately.

Methods and materials for containment and clean up

Absorb spilled liquid and wash water with inert absorbent material such as sand or vermiculite. Scrape up with shovels or pails and place into suitable containers for recycle or disposal.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling:

Thoroughly wash hands, forearms, and face with soap and water before eating, using tobacco products, using toilet facilities, applying cosmetics, or taking medication.

Conditions for safe storage, including any incompatibilities:

Store below 30°C (Room Temperature) in the original container out of direct sunlight.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards:	TWA 5mg /m ³ – Oil mists
Biological limit values:	None allocated
Engineering controls:	Use with adequate ventilation.
Personal protective equipment:	Wear safety glasses with side shields.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A honey coloured, free flowing transparent liquid

SECTION 10 STABILITY AND REACTIVITY

Chemical stability:	Material is stable. Product does not decompose at ambient temperatures.
Conditions to avoid:	Heat, flames, ignition sources, incompatibles
Incompatible materials:	Avoid contact with strong oxidising agents.
Hazardous decomposition products:	Thermal decomposition products may include carbon monoxide, carbon dioxide, oxides of sulfur and nitrogen, and other toxic gases.
Hazardous reactions:	Hazardous polymerisation has not been reported.

SECTION 11 TOXICOLOGICAL INFORMATION

Health effects from the likely routes of exposure

Mineral Oil:

Oral LD50	-	>5000 mg/kg (Rat)
Dermal LD50	-	>5000 mg/kg (Rabbit)
Inhalation LC50	-	>4000 mg/m ³ (Rat)

SECTION 12 ECOLOGICAL INFORMATION

This material when released to the environment will remain largely on the soil surface, and in water will remain largely on the water surface. Harmful effects to terrestrial and aquatic organisms are expected to be minimal. It is expected to biodegrade and not persist in the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and containers:

The following disposal directions have been approved by the APVMA.

Dispose of empty container by wrapping in paper and placing in garbage.

Special precautions for landfill or incineration:

Contact respective local government authority for instructions before disposing product into local authority landfill.

SECTION 14 TRANSPORT INFORMATION

UN Number:	1993
UN Proper Shipping Name:	Flammable Liquid, N.O.S.
Class:	3
Packing Group:	111
Special precautions for user:	None specified
Hazchem Code	3Y

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)

SECTION 16 OTHER INFORMATION

Date of last revision of the MSDS: March 12

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, March 2005
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 (2003)]
4. AICS (Australian Inventory of Chemical Substances)
5. APVMA Manual of Requirements and Guidelines for Agricultural Chemicals, October 2005
6. ADI [Acceptable Daily Intake] List, Commonwealth Department of Health & Aged Care, TGA, August 2001
7. The Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition
8. Hazardous Substances Information System, Version 1.2.2 (September 2004), Last Updated – November 2005, NOHSC

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.