

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) name: David Hoof-Aid
Other names: None allocated
Recommended use: Hoof healer for horses
Supplier Details: Pharmachem
Unit 6, 70 Fison Ave West
Eagle Farm QLD 4009
Telephone: (07) 3868 0333
Facsimile: (07) 3868 0344
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)]:

Poisons Schedule: 5

HEALTH HAZARDS

Mucous membrane and eye irritant. Harmful if inhaled at high concentrations (>750 ppm) over an extended period.

Xn	Harmful
R20	Harmful by inhalation
R21	Harmful in contact with skin
R22	Harmful if swallowed
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R65	Harmful. May cause lung damage if swallowed.
R38	Irritating to skin
R43	May cause sensitisation by skin contact

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	Cas No.	Proportion
Oil of Turpentine	8006-64-2	338 g/L
Iodine	7553-56-2	2 g/L
Pine Oil	8002-09-3	134 g/L
Special Methylated Spirits	64-17-5	<50 g/L
Lanolin	8006-54-0	22.5 g/L
Inert excipients	Not Applicable	<400 g/L

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:

For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor. If swallowed, do NOT induce vomiting. Give a glass of water. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. (*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 further assistance in emergent circumstances:

Swallowed: If poisoning occurs, get to a doctor or hospital quickly. If swallowed, do NOT induce vomiting. Give a glass of water.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Skin: Immediately remove all contaminated clothing, including footwear after wetting with water if available. Wash affected areas thoroughly with water, and soap if available.

Inhaled: Remove to fresh air, lay down, rest. Seek medical attention.

Advice to Doctor: Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

Product is flammable.

Suitable extinguishing media:	Water fog, dry chemical, foam, or carbon dioxide
Hazards from combustion products:	Vapor explosion and poison hazards may occur indoors, outdoors, or in sewers. Vapors may travel to a source of ignition and flash back.
Special protective precautions and equipment for fire fighters:	Firefighters should wear a full set of protective clothing, including a self-contained breathing apparatus, when fighting fires involving turpentine.
Hazchem Code:	3[Y]

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures:
Eliminate all sources of ignition. Ventilate area well.

Methods and materials for containment and clean up:
Contain spill for salvage and absorb in inert absorbent material.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling:

Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Avoid ingestion and inhalation. Do not ingest or inhale. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Conditions for safe storage, including any incompatibilities:

Store with all the precautions required for handling flammable liquid. Store in a cool, dry, well ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labelled. Store only in original or approved containers.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards:	TWA – 100 ppm (557 mg/m ³)
Biological limit values:	None set
Engineering controls:	Use adequate ventilation.
Personal protective equipment:	Safety glasses.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear and transparent liquid with characteristic penetrating odour and taste.
Flash Point:	39°C (Closed Cup).

SECTION 10 STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use
Conditions to avoid:	Heat, exposure to air in a confined space, and sources of ignition.
Incompatible materials:	Chlorine, strong oxidizers
Hazardous decomposition products:	Toxic gases and vapors (such as carbon monoxide and the partial oxidation products of terpenes) may be released in a fire involving turpentine.
Special precautions:	Turpentine attacks some coatings and some forms of plastic and rubber.

SECTION 11 TOXICOLOGICAL INFORMATION

Health effects from the likely routes of exposure

Turpentine is an eye, mucous membrane, and skin irritant and a central nervous system depressant in animals.

LD(50) oral (rats) 5760 mg/kg

LC(50) inhalation (rats) 12 g/m³ for 6 hours [RTECS 1989].

Turpentine is a skin, eye, mucous membrane, and upper respiratory tract irritant in humans. It may also cause skin sensitization and central nervous system, gastrointestinal, and urinary tract effects. The lowest estimated oral dose reported to be lethal in humans is 441 mg/kg [RTECS 1989].

SECTION 12 ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and containers:

The following disposal directions have been approved by the APVMA.

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

5L container – Triple or (preferably) pressure rinse container into a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in local authority landfill. If no landfill available, bury the containers below 500 mm in the disposal pit referred to above. Empty containers and product should not be burnt.

Special precautions for landfill or incineration:

Contact respective local government authority before disposing of product.

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
E.P.G:	3AI

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: August 07

CONTACT POINT

Mr Gray Boston, General Manager
B/Hrs Phone (07) 3868 0333 A/Hrs (07) 3630 1654

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.