

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

GHS Product identifier: David Venice Turpentine
Other means of identification: Venice Turpentine
Recommended use of the product and restrictions on use: A drawing ointment specifically for stone bruises and infections in the frog of the hoof caused by nail pricks.
Supplier's Details: Pharmachem
Unit 6, 70 Fison Ave West
Eagle Farm QLD 4009
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Contact Person: Mr Gray Boston
Emergency phone number: (07) 3630 1654

SECTION 2 HAZARDS IDENTIFICATION

Classification of Product:

This product is classified as a health hazard and a physical hazard (flammable liquid) in accordance with the following classification criteria of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third Revised Edition. It is also classified as dangerous goods under Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Physical Hazard: Flammable liquid: Category 3

GHS label elements, including precautionary statements:

Pictogram:



Signal word: Warning
Hazard statements: Flammable liquid and vapour
Precautionary statements:
Prevention: Keep away from heat, sparks, open flames, hot surfaces. No smoking.
Keep container tightly closed
Keep cool
Ground container and receiving equipment
Use explosion proof electrical/ventilating/lighting equipment
Use only non-sparking tools
Take precautionary measures against static discharge.
Response: If on skin rinse skin with water
Take off immediately all contaminated clothing
In case of fire use water fog, dry chemical, foam, or carbon dioxide to extinguish

Health hazards: Causes skin irritation, causes eye irritation, skin sensitizer

Skin irritant Category 2

GHS label elements, including precautionary statements:

Pictogram:



Signal word: Warning
Hazard statements: Causes skin irritation
Precautionary statements:
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 irritant: Category 2
GHS label elements, including precautionary statements:
Pictogram:



Signal word: Warning
Hazard statements: Causes eye irritation
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.

Skin sensitizer: Category 1
GHS label elements, including precautionary statements:
Pictogram:



Signal word: Warning
Hazard statement: May cause an allergic skin reaction
Precautionary statements:
Prevention: Wear protective gloves and clothing.
Response: If on skin wash with plenty of soap and water.
If skin irritation or rash occurs get medical advice.
Wash contaminated clothing before re-use.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	Proportion (% w/w)
Oil of Turpentine	8006-64-2	15
Linseed oil	8001-26-1	22

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*)

Ingestion:	If poisoning occurs contact a doctor or Poisons Information Centre
Eyes:	Irrigate with copious quantities of water for 15 minutes. Seek medical assistance if effect persists
Skin:	Wash affected parts with soap and water
Inhaled:	Remove effected person to a well ventilated area with fresh air
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.
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Hazchem Code:	3[Y]
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SECTION 6 ACCIDENTAL RELEASE MEASURES
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Emergency procedures:
Remove all sources of ignition. Slippery when wet. Avoid accidents, clean up immediately.

Methods and materials for containment and clean up:
Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in containers for disposal. Wash area down with detergent and excess water.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling
Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Do not 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 below 30°C (room temperature) 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) (Oil of Turpentine)
Biological limit values:	None set
Engineering controls:	Use with adequate ventilation
Personal protective equipment:	Wear standard safety equipment, including rubber gloves and goggles

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A thick flowing liquid similar to the appearance of honey with a distinctive odour.
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SECTION 10 STABILITY AND REACTIVITY

Chemical stability:	Stable, but polymerizes gradually upon exposure to air.
Conditions to avoid:	Heat, exposure to air in a confined space, and sources of ignition.
Incompatible materials:	Incompatible with strong oxidizing agents.
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.
Hazardous reactions:	Reacts violently with chlorine. Material such as rags impregnated with linseed oil may spontaneously combust after a long induction period due to gradual exothermic reaction with oxygen.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of Exposure:

Exposure to Venice Turpentine 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 Venice Turpentine. Information has been provided for oil of turpentine. Other ingredients are non-hazardous.

Signs and Symptoms of acute overexposure:

Eye:	Contact with eyes causes irritation.
Skin:	Contact with skin causes irritation. May cause an allergic skin reaction
Ingestion:	May irritate the entire digestive system
Inhalation:	Vapor is irritating to eyes, nose, and throat. If inhaled, will cause nausea, vomiting, headache, difficult breathing, or loss of consciousness.

Summary of toxicology:

Oil of Turpentine:

Human exposure and toxicity:

Vapor is irritating to eyes, nose, and throat. If inhaled, will cause nausea, vomiting, headache, difficult breathing, or loss of consciousness. Liquid irritates skin. If ingested, can irritate the entire digestive system, and may injure kidneys. If liquid is taken into lungs, causes severe pneumonitis. Men exposed to concentrations of 720-1100 ppm complain of chest pain, and vision disturbances. Turpentine is a skin irritant and skin contact may cause eczema. Workers in the chemical, rubber and welding industries exposed to turpentine have developed contact dermatoses. In humans, chronic inhalation of turpentine has caused extensive glomerulonephritis. Chronic dermal contact may cause allergic erythema, headaches, coughing, and sleeplessness. At lower concentrations, pronounced anaemia occurs occasionally.

Vapor is irritating to eyes, nose, and throat. If inhaled, will cause nausea, vomiting, headache, difficult breathing, or loss of consciousness. ... Liquid irritates skin. If ingested, can irritate the entire digestive system, and may injure kidneys. If liquid is taken into lungs, causes severe pneumonitis. [Prager, J.C. Environmental Contaminant Reference Databook Volume 2. New York, NY: Van Nostrand Reinhold, 1996., p. 1067]

Turpentine oils have a pronounced irritant effect on mucous membrane and skin, leading in certain circumstances to bullous dermatitis, and they also produce sensitization. ... They cause contact allergy, and turpentine eczema.

[International Labour Office. Encyclopedia of Occupational Health and Safety. Volumes I and II. New York: McGraw-Hill Book Co., 1971., p. 1446]

Acute toxicity:

LD(50) oral (rats) 5760 mg/kg
LC(50) inhalation (rats) 12 g/m³ for 6 hours [RTECS 1989].

SECTION 12 ECOLOGICAL INFORMATION

This product is not expected to pose an environmental (terrestrial or aquatic) hazard when used as directed. The only ingredient in this product that has ecological implications is oil of turpentine.

Although oil of turpentine is present in this product, the concentration at which it is present is below the concentration cut-off under the GHS to be considered hazardous in the aquatic environment.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and containers:

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

Special precautions for landfill or incineration:

Seek advice from respective local government authority before disposing of product in landfill. Do not burn container or 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

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

SDS version:	1
Date of Revision:	March 2017
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.