

Nightingale Supply

MATERIAL SAFETY DATA SHEET

CLASSIFIED HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY

Nightingale Supply
12a Hungerford Street
Northgate Qld 4013
(07) 3260.6544

GENERAL INFORMATION

PRODUCT NAME: MINERAL TURPENTINE

U.N. NUMBER: 1300
D.G. CODE: 3.2
SUB RISK: n/ap.
HAZCHEM CODE: 3[Y]E
POISONS SCHEDULE: 5
CAS NUMBER: 64742-95-6

PHYSICAL DESCRIPTION/PROPERTIES (Typical Figures)

APPEARANCE AND ODOUR:

Water white liquid. Typical hydrocarbons liquid odour.

SPECIFIC GRAVITY: 0.817 @ 15c
BOILING POINT (C): 146-197
MELTING POINT (C): a/ap.
VAPOUR PRESSURE: 3.2 mmHg @ 15c
VAPOUR DENSITY: 4.35 @ 15c (Air = 1)
EVAPORATION RATE: < 1.0
SOLUBILITY (WATER): negligible
PERCENT VOLATILES: 100%

FIRE/EXPLOSION HAZARD

FLASH POINT (C): 31
AUTOIGNITION (C): 250
LEL: 0.46% v/v UEL: 3.4% v/v

INGREDIENTS

INGREDIENT	PROPORTION	CAS Nr.
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Liquid Hydrocarbons Containing Med 53%*m/m*
Aromatics Med 47%*m/m*

MSDS

MINERAL TURPS

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED

Moderately toxic. Tends to break up into a foam if the patient vomits. Upon aspiration into the lungs, chemical pneumonitis may develop.

SKIN

Mildly irritating to skin. Frequent & prolonged contact can cause dermatitis.

EYE

Mildly irritating to eyes.

INHALED

Toxic by inhalation. Irritating to respiratory system. Prolonged exposure may cause somnolence & narcosis.

FIRST AID

SWALLOWED

If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

EYE

Hold eyes open, flood with water for at least 15 minutes. Seek medical advice.

SKIN

Remove contaminated clothing and wash skin thoroughly.

INHALED

Remove affected person from contaminated area. Apply artificial respiration, if not breathing. Urgently seek medical advice.

ADVICE TO DOCTOR

ORAL: Gastrointestinal irritation, nausea, vomiting and cramping, CNS depression, ranging from mild headache to anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with cuffed tube if large quantity ingested. Aspiration is main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airway and vital functions. Avoid sympathomimetic amines.

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INHALATION: CNS depression characterised by headache and dizziness.

Clothing wet with solvent should be soaked with water before removing, to prevent the possibility of static electricity discharges.

Launder contaminated clothing before reuse.

Eye wash fountains and safety showers should be available for emergency use.

FLAMMABILITY

Flammable. Isolate from sources of heat, naked flames or sparks. Take precautions against static electricity discharges. Explosive air-vapour mixture may form, ensure adequate ventilation. Earth and bond all process equipment including tanks and drums. Ensure equipment and fittings are flame proofed. See Safe Handling Information-Fire/Explosion Hazard.

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MINERAL TURPS

SAFE HANDLING INFORMATION

SPILLS AND DISPOSAL

Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment. Refer to Ventilation and Personal Protection.

Do not contaminate stream, rivers or water courses. Do not flush to drains or sewers. Inform local authority if liquid enters drains, sewers, etc. Shut off source of leak if safe to do so. Dike and contain spill with sand or earth. Allow to evaporate if conditions permit.

MINOR:

Absorb the liquid and sand, earth or other absorbent. Place used absorbent in suitable, sealable, labelled containers. Keep away from heat, naked flame or sparks.

MAJOR:

Take up liquid with vacuum truck or absorb with sand earth or other absorbent.

Place used absorbent in suitable, sealable, labelled containers. Keep away from heat, naked flame or sparks.

Dispose of following requirements of state environmental authority.

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PRECAUTIONS FOR USE

EXPOSURE LIMITS

None established.

Until further advice a Shell suggested Occupational Exposure Limited shell suggested Occupational Exposure Limit for the product is:-

Shell Occupational Exposure Limit (SOEL) - 80 ppm TWA.

ENGINEERING CONTROLS

Local exhaust ventilation usually required. Provide explosion proof ventilation system.

Maintain adequate ventilation. Maintain air levels below the Exposure Limit. Performance of ventilation system should be regularly monitored. If air contaminant levels exceed the Exposure Limit, respiratory protection required. See also Personal Protection.

PERSONAL PROTECTION

Avoid contact with the skin and eyes and avoid breathing the vapour or spray mists.

For normal use, where contaminant vapour levels are well below the Exposure Limit the following equipment is required:-

- (1) Eye protection - safety glasses.
- (2) Gloves.
- (3) Sturdy work clothes
- (4) Safety boots

Where high contaminant spray mist or vapour levels exist, i.e. approaching the Exposure Limit, or are expected to arise, the following additional equipment is required.

- (1) For short elevated exposures, eg. spillage's:-
Appropriate organic vapour cartridge respirator eg. 3M Brand 08712 and goggles. Ensure working life of cartridge is not exceeded.

NB: If vapour levels exceed the Exposure Limit by more than ten times, air supplied apparatus should be used.

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FIRE/EXPLOSION HAZARD

Explosive air-vapour mixture may form. Earth and bond all transfer equipment including tanks and drums. Keep away from heat, naked flames or sparks. Have adequate fire equipment available.

Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protection equipment including breathing apparatus. Foam, BCF, carbon dioxide or dry chemical extinguishers required. For large fires use foam. Cool surrounding containers & pipes with water.

Carbon monoxide and other unidentified compounds may be formed during combustion.

OTHER INFORMATION

CONTACT POINT:-

EMERGENCY 24 hours:-

POISONS INFORMATION CENTRE

Herston Rd, Herston

(07)32538233

The data in this Material Safety Data Sheet has been compiled from our Suppliers Material Safety Data Sheets. This data only relates to the designated product and not to the use of said product in combination with other materials. Because conditions and circumstances of use of the product are beyond our control and any summary of data such as is represented by this M.S.D.S. is inherently incomplete, Nightingale Supply makes no warranty about the accuracy of the data herein and assume no liability for the use of such data. Responsibility for proper precautions and safe use of the product lies with the user.

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