

HAW PAR HEALTHCARE LIMITED

MATERIAL SAFETY DATA SHEET

TIGER LINIMENT

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1. IDENTIFICATION

Product name : Tiger Liniment
Company : Haw Par Healthcare Limited
Address : No 2 Chia Ping Road, #09-03, Haw Par Tiger Balm Building, Singapore 619968
Contact for Information : Telephone: (65)-63037333, Telefax: (65)-62643211
Emergency Telephone No: (65)-63037333 Attention: QA department
Hours (Singapore Standard Time): 8:00am –5:00pm
For customer information, especially if they might be calling with an emergency:
Company : Prince of Peace Enterprises, Inc.
Address : 3536 Arden Road Hayward, CA 94545, USA
Toll-Free : 1(800) 732-2328 Hours: 8:00am –5:00pm (Pacific Time)

2. COMPOSITION

| | CAS No. |
|------------------------------------------------------|------------------------|
| Methyl Salicylate | 119-36-8 |
| Menthol | 2216-51-5 |
| Eucalyptus Oil | 84625-32-1 / 8000-48-4 |
| Spike Lavender Oil | 8016-78-2 |
| Topical Light Mineral Oil (Light Liquid Paraffin) | 8012-95-1 |

3. HEALTH HAZARDS

Routes of Entry - Inhalation : Yes
Routes of Entry – Skin : Yes
Routes of Entry – Ingestion : Yes

Health Hazards (acute & chronic) :

May be irritating to skin/eyes. Harmful if swallowed. Drinking relatively small amounts (10-30ml) has caused poisoning and death similar to that seen in aspirin poisoning.

4. FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact:

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

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5. FIRE-FIGHTING MEASURES

Flash Point : 75 to 85 °C

Explosion: Above the flash point, explosive vapor-air mixtures may be formed.

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide.

Special Information: In the event of a fire, wear full protective clothing and self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, and earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer.

7. HANDLING AND STORAGE

Keep in a tightly closed container, store in a cool, dry, ventilated area. Protect against physical damage. Isolate from any source of heat or ignition.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Respiratory Protection: Not usually required.

Ventilation: Mechanical.

Protective Gloves: Yes

Eye Protection: Chemical goggles.

Other Protective Equipment: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Over-the counter liniment

Colour : Colourless to pale-yellow

Odour : Smell of methyl salicylate

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Boiling Point : Not Available

Flash Point : 75 to 85°C

Explosion Limit : Lower Not Available
Upper Not Available

Specific Gravity : 0.96 – 1.00

Solubility in Water : Insoluble

Ethanol : Soluble in ethanol

Stability : Stable under ordinary conditions of use and storage

Incompatibility : Can react with oxidizing materials

Hazardous Polymerization : Will not occur

Hazardous Decomposition Products: May produce acrid smoke and irritating fumes when heated to decomposition.

10. TOXICOLOGY INFORMATION

Carcinogenicity : Not listed by ACGIH, IARC, NIOSH, NTP or OSHA

- * OSHA : Occupational Safety and Health Administration
- * NIOSH : National Institute for Occupational Safety and Health
- * ACGIH : American Conference of Governmental Industrial Hygienists

Menthol, Methyl Salicylate, Eucalyptus Oil, Spike Lavender Oil and Light Liquid Paraffin

No exposure limit adopted by OSHA, NIOSH and ACGIH

11. ECOLOGICAL INFORMATION, DISPOSAL CONSIDERATIONS, TRASPOT INFORMATION, REGULATORY INFORMATION

Ecological Information: When released into the soil, this product is expected to readily biodegrade, leach into groundwater or quickly evaporate. When released into water, this product is expected to readily biodegrade, have a half-life between 10 and 30 days. When released into the air, this product is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals or remove from the atmosphere to a moderate extent by wet deposition. It is expected to have a half-life between 1 and 10 days. No environmental toxicity information was found.

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Disposal Consideration: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with federal, state, and local regulations.

Transport Information: Not regulated.

12. OTHER INFORMATION

Not Applicable

13. PREPARATION DATE OF MSDS

Prepared by: Quality Control Department.

Date : 2008.07.18

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