

**HAW PAR HEALTHCARE LIMITED****SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Product Name	Tiger Balm Neck and Shoulder Rub
Use	Cream
Product Code	MSDS TBNSRF1
Manufacturer	OLIC (Thailand) Limited 166 Bangpa-in Industrial Estate, Udomsorasayuth Road, Moo 16, Bangkrason, Bangpa-in, Ayutthaya, Thailand.
Telephone	66-3522-1036
Emergency Telephone No	(65)-63037333 Attention: QA Department Hours: 8:00am - 5:00pm (Singapore Standard Time)

**2. HAZARDS IDENTIFICATION**

EC Classification	Not classified as dangerous for supply / use
-------------------	--

**3. COMPOSITION / INFORMATION ON INGREDIENTS****HAZARDOUS INGREDIENT(S)**

Chemical Name	CAS No.	Risk Phrases	Hazard Abbreviation
Camphor	76-22-2 / 21368-68-3	R36	Xn
Menthol	2216-51-5	R36	Xi
Eucalyptus Oil	84625-32-1 / 8000-48-4	R36	Xi
Dementholised Mint Oil	68917-18-0 / 90063-97-1	R36	Xi
Glucate DO (Methyl Glucose Dioleate)	82933-91-3	-	-
Glycerin	56-81-5	R36	Xi
Fragrance Lavender Punch	-	R36	Xi
Stabileze QM ([Poly(methyl vinyl ether/ maleic anhydride) decadiene crosspolymer])	136392-67-1	R36 / R37	Xi
Triethanolamine	102-71-6	R22 / R36 / R37	Xn / Xi
FD&C Blue No.1	2650-18-2	-	-
Germaben II (Diazolidinyl Urea 30%, Methyl Paraben 11%, Propyl Paraben 3%, Propylene Glycol 56%)	78491-02-8, 99-76-3, 94-13-3, 57-55-6	R36	Xi

## HAW PAR HEALTHCARE LIMITED

### SAFETY DATA SHEET

#### 4. FIRST AID MEASURES

Ingestion	Wash out mouth with water. If symptoms develop, obtain medical attention.
Inhalation	Remove from exposure. If symptoms develop, obtain medical attention.
Skin Contact	Unlikely to cause skin irritation. If symptoms persist, obtain medical attention.
Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms develop, obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

Extinguishing Media	As appropriate for surrounding fire. Water spray, foam, dry powder or CO <sub>2</sub> .
Unsuitable Extinguishing Media	None
Fire Fighting Protective Equipment	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

#### 6. ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses. Spillages may cause slippery road.

Personal Protection	If significant contact is likely then; apron or other light protective clothing, boots and plastic or rubber gloves. Contaminated clothing should be thoroughly cleaned.
Methods for Cleaning Up	Wear personal protective equipment appropriate for spill size, location and conditions. Remove ignition sources, use absorbent material as required. Sweep / scrap up and place in container. Wash the area after removing the material.

#### 7. HANDLING AND STORAGE

Handling	When using, do not eat, drink or smoke. Avoid contact with eyes.
Process Hazards	Spillages may cause slippery road.
Storage	Keep container tightly closed. Store in a cool, dry place.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respirators	Not normally required. In the unlikely event of formation of particularly high levels of vapour a
-------------	---

# HAW PAR HEALTHCARE LIMITED

## SAFETY DATA SHEET

self contained breathing apparatus may be appropriate.

Eye Protection

Not normally required. For large quantities - Use Goggles.

Gloves

Wear suitable gloves if prolonged skin contact is likely. Plastic or synthetic rubber gloves.

Exposure Limit of Camphor adopted by OSHA

General Industry Standards : 2 mg/m<sup>3</sup>  
Construction Industry Standards : 2 mg/m<sup>3</sup> TWA  
Threshold Limit Value : 2 ppm, 12 mg/m<sup>3</sup> TWA; 4 ppm STEL; Appendix A4 (Not Classifiable as a Human Carcinogen)  
Recommended Exposure Limit : 2 mg/m<sup>3</sup> TWA

Exposure Limit of Camphor adopted by NIOSH

NIOSH REL : 2 mg/m<sup>3</sup> TWA  
Immediately Dangerous to Life or Health (IDLH) : 200 mg/m<sup>3</sup>  
Lower Exposure Limit (LEL) : 0.6% (10% LEL, 3600 mg/m<sup>3</sup>)

Exposure Limit of Camphor adopted by ACGIH

1993 - 1994 ACGIH TLV : 12 mg/m<sup>3</sup> (2ppm) TWA, 19 mg/m<sup>3</sup> (3ppm) STEL

- \* OSHA : Occupational Safety and Health Administration
- \* NIOSH : National Institute for Occupational Safety and Health
- \* ACGIH : American Conference of Governmental Industrial Hygienists
- \* PEL : Permissible Exposure Limit
- \* REL : Recommended Exposure Limit
- \* STEL : Short Term Exposure Limit
- \* TWA : Time Weighted Average
- \* TLV : Threshold Limit Value

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Over-the-counter analgesic cream
Colour	White cream
Odour	Characteristic smell
Melting Point	Not available
Boiling Point	Not available
Flash Point	Not available
Explosion Limit	Lower: Not available Upper: Not available
Solubility in Water	Practically insoluble
Ethanol	Soluble in ethanol
Stability	Stable
Incompatibility	Potassium permanganate; strong oxidizers
Hazardous Polymerization	Will not occur

**HAW PAR HEALTHCARE LIMITED****SAFETY DATA SHEET**

Hazardous Decomposition

None identified

**10. STABILITY AND REACTIVITY**

Stable under normal conditions.

Hazardous Reactions

None known

Incompatible Materials and Conditions

None

Hazardous Decomposition Product(s)

CO<sub>2</sub>, CO**11. TOXICOLOGICAL INFORMATION**

Inhalation

No specific effects and / or symptoms have been reported or known. None of these effects are likely to occur in humans, provided exposure is maintained at or below the occupational exposure limit.

Ingestion

No specific effects and / or symptoms have been reported or known. None of these effects are likely to occur in humans, provided exposure is maintained at or below the occupational exposure limit.

Skin Contact

No specific effects and / or symptoms have been reported or known. None of these effects are likely to occur in humans, provided exposure is maintained at or below the occupational exposure limit.

Eye Contact

No specific effects and / or symptoms have been reported or known. None of these effects are likely to occur in humans, provided exposure is maintained at or below the occupational exposure limit.

Long Term Exposure

No specific effects and / or symptoms have been reported or known. None of these effects are likely to occur in humans, provided exposure is maintained at or below the occupational exposure limit.

Exposure Limit of Camphor adopted by OSHA

General Industry Standards : 2 mg/m<sup>3</sup>  
Construction Industry Standards : 2 mg/m<sup>3</sup> TWA  
Threshold Limit Value : 2 ppm, 12 mg/m<sup>3</sup> TWA; 4 ppm STEL; Appendix A4 (Not Classifiable as a Human Carcinogen)  
Recommended Exposure Limit : 2 mg/m<sup>3</sup> TWA

**HAW PAR HEALTHCARE LIMITED**

**SAFETY DATA SHEET**

**12. ECOLOGICAL INFORMATION**

Avoid release to the environment.

Environmental Fate and Distribution

No environmental hazards have been reported or known.

Persistence and Degradation

Unlikely to persist.

**13. DISPOSAL CONSIDERATIONS**

Recommended

Disposal should be in accordance with local, state or national legislation.

**14. TRANSPORT INFORMATION**

Not classified as dangerous for transport.

**15. REGULATORY INFORMATION**

Not classified as dangerous for supply / use.

**16. OTHER INFORMATION**

Use

Cream

Risk Phrases

R22: Harmful if swallowed.

R36/37: Irritating to eyes and respiratory system.

This MSDS was written in accordance with Directive 2008/58/EC.

Prepared By: Quality Control Department

Revision: 3

Date: 2018.06.01