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SAFETY DATA SHEET

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|-------------------------|--|
| Identity | VAPORIN AROMATHERAPY OIL |
| Company Name | International Pharmaceuticals, Inc. |
| Company Address | Golam Drive, Pope John Paul II Avenue, Kasambagan, Cebu City, Cebu, Philippines |
| Telephone Number | +63 32 412-6900 / +63 32 260-6910 |
| Intended Use | As aromatherapy and massage oil |

Section 2. HAZARD(S) IDENTIFICATION

GHS Classification

| | |
|---|-------------|
| Flammable liquid | Category 3 |
| Skin corrosion/irritation | Category 3 |
| Serious eye damage/ eye irritation | Category 2A |
| Acute toxicity (oral) | Category 4 |
| Specific target organ Toxicity, single exposure | Category 2 |

GHS Label Element

| | |
|---------------------|--|
| Hazard Pictogram(s) |  |
|---------------------|--|

| | |
|---------------------|---|
| Signal Word(s) | Warning |
| Hazard Statement(s) | Flammable liquid and vapor (H226) Harmful if swallowed (H302) Causes mild skin irritation (H316) Causes serious eye irritation (H319) May cause damage to organs (H371) |

Precautionary Statement(s)

| | |
|------------|---|
| Prevention | Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. (P210) Keep container tightly closed. (P233) Wash hands thoroughly after handling. (P264) |
| Response | Do not eat, drink or smoke when using this product. (P270) IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell. (P301+ P312) Rinse mouth. (P330) IF exposed or if you feel unwell: call a POISON CENTER or doctor/ physician. (P309+P311) In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. (P370+378) IF SKIN irritation occurs: Get medical advice/attention. (P332+P313) Take off contaminated clothing and wash before reuse. (P362) |



INTERNATIONAL PHARMACEUTICALS, INC.

B. Suico St., Tingub, Mandaue City 6014

Trunklines: GLOBE: (032) 420-6900 PLDT: (032) 260-6910 Website: www.ipi.ph Email: inquiry@ipi.ph

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| | |
|---------------|--|
| | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) IF eye irritation persists: Get medical advice/attention. (P337+P313) |
| Storage | Store locked up. (P405) |
| Disposal | Dispose of contents/container to an approved waste disposal plant. (P501) |
| Other hazards | None |

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity Mixture

| Ingredients | CAS Number | EC Number | Concentration |
|-----------------------------------|------------|-----------|---------------|
| Menthol | 2216-51-5 | 201-939-0 | 48-50% |
| Camphor | 76-22-2 | 200-945-0 | 3-5% |
| Eucalyptus Oil | 8000-48-4 | 283-406-2 | 3-5% |
| Ethyl Alcohol | 200-578-6 | 64-17-15 | 15-16% |
| * Other Non-Hazardous Ingredients | N/A | N/A | ≤ 20 % |

In accordance with the paragraph (i) of Sec. 1910.1200, the specific chemical identity and/or exact percentage (concentration) of mixture has been withheld as a trade secret.

* Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (28 CFR Sec. 1910.1200)

Section 4. FIRST AID MEASURES

Necessary first-aid measures

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| Inhalation | Overexposure is most likely to occur dealing with large quantities and in an enclosed space with inadequate ventilation. Remove to fresh air. Allow patient to rest in a well-ventilated area. Seek medical attention. |
| Skin Contact | Prolonged and excessive application to large areas of skin may cause contact dermatitis. Wipe off and wash exposed area with soap and water. Get medical attention if irritation develops. |
| Eye Contact | Check for and remove any contact lenses. Rinse immediately with clean water for at least 15 minutes. Seek medical attention. |
| Ingestion | Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. Perform gastric lavage. Treat symptomatically. Seek medical attention. |
| Most important symptoms / effects, both acute and delayed | No information available. |

Note(s) to physician

Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

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| Suitable extinguishing media | Use dry chemical powder, water spray, fog or foam. |
| Unsuitable extinguishing media | High volume water jet |



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| Specific hazards arising from the chemical | Fire Hazard. Irritating and highly toxic gases may be generated by thermal decomposition or combustion. Do not breathe fumes. Keep product and empty container away from sources of ignition. |
| Hazardous combustion products | Carbon oxides |
| Special protective actions for fire-fighters | Fire fighters should wear positive pressure self-contained breathing apparatus. |
| Specific extinguishing methods | Cool containers exposed to flame with water spray. Spray extinguishing media directly into base of fire. |

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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| Non-emergency personnel | Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (i.e. goggles, gloves). Remove spilled material with absorbent material (i.e. sand, earth, diatomaceous earth, vermiculite) and place into appropriate closed container(s) for disposal. |
| Emergency responders | Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Deny entry to all unprotected individuals. Maximize ventilation (open doors and windows). |

Environmental precautions

Methods and materials for containment and cleaning up

Keep spills and cleaning runoffs out of nearby sewers and open bodies of water.
Dike and contain spill with inert material (e.g. sand or earth). Transfer soiled material to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Dispose of properly in accordance with local or national regulations. Wash all affected area and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

Section 7. HANDLING AND STORAGE

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| Precautions for safe handling | No special control measures required for normal handling. Normal room ventilation is expected to be adequate for routine handling. Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes. Keep away from fire, sparks and heated surfaces. |
| Conditions for safe storage | Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers at temperatures not exceeding 30°C. |
| Materials to avoid | No special restrictions on storage with other products. |



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Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

If a component is disclosed in Section 3. (Composition/Information on Ingredients) but does not appear in the table below, an occupational exposure limit or recorded limit is not available for the component.

| Chemical Name | Exposure Limits | |
|---------------|--------------------------------|--------------------------------|
| | OSHA [A] | NIOSH [B] |
| Camphor | • PEL-TWA: 2 mg/m ³ | • REL-TWA: 2 mg/m ³ |

[A] Occupational Safety and Health Administration (OSHA)

[B] The National Institute of Occupational Safety and Health (NIOSH)

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Individual protection measures

Eye / face protection

Not required under normal conditions of use. Wear safety glasses or goggles if eye contact is possible.

Hand protection

Not required for the normal use of this product. Wear gloves when working with large quantities. The glove material has to be impermeable and resistant to the product such as nitrile rubber, neoprene gloves, butyl rubber or natural rubber gloves.

Skin / body protection

Not required for the normal use of this product. Use protective clothing (lab coats, disposable coveralls, etc.) in both production and laboratory areas.

Respiratory protection

Not required for the normal use of this product. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

Thermal hazards

No special protective equipment required.

Hygiene measures

General industrial hygiene practice.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|--------------------------------|
| Appearance (physical state, color, etc.) | Slightly yellowish oily liquid |
| Odor | Characteristic |
| Odor threshold | Not determined. |
| pH | 6.50 |
| Melting point / freezing point | No data available. |
| Initial boiling point and boiling range | No data available. |
| Flash point | No data available. |
| Evaporation rate | No data available. |
| Flammability (solid, gas) | No data available. |
| Upper / lower flammability or explosive limits | No data available. |

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| Vapor pressure | No data available. |
| Vapor density | No data available. |
| Specific gravity | 0.896 |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient (n-octanol / water) | No data available. |
| Auto-ignition temperature | No data available. |
| Decomposition temperature | No data available. |
| Viscosity | No data available. |

Section 10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity | Stable under recommended storage conditions. |
| Chemical stability | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | No hazards to be specially mentioned. |
| Conditions to avoid | Avoid contact with sparks, flame and heat. |
| Incompatible materials | Avoid contact with strong oxidizing agents and avoid hot work and sources of ignition on or near empty containers |
| Hazardous decomposition products | CO, CO ₂ , smoke and unidentified organic compounds may be formed during combustion. |

Section 11. TOXICOLOGICAL INFORMATION

This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document.

| | | |
|---|--|--------------------|
| Information of the likely routes of exposure | Inhalation, eye contact, skin contact, ingestion | |
| Potential health effects | | |
| Inhalation | Health injuries are not known or expected under normal use. | |
| Skin contact | May cause skin irritation. Not a skin sensitizer. | |
| Ingestion | Harmful if swallowed. Possible mild gastrointestinal irritation with diarrhea, nausea, and vomiting, if large quantities are ingested. | |
| Eye contact | Not an expected route of exposure; however, direct contact may cause eye irritation | |
| Experience with human exposure | | |
| Inhalation | No symptoms known or expected under normal exposure. | |
| Skin contact | No symptoms known or expected under normal exposure. | |
| Ingestion | No symptoms known or expected under normal exposure. | |
| Eye contact | No symptoms known or expected under normal exposure. | |
| Acute toxicity | | |
| <u>Product</u> | Oral toxicity | No data available. |
| | Inhalation toxicity | No data available. |
| | Dermal toxicity | No data available. |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none"> • Menthol <ul style="list-style-type: none"> Oral toxicity LD₅₀ (rat): 3,180 mg/kg Dermal toxicity LD₅₀ (rabbit): >5000 mg/kg Inhalation LD₅₀ (rat): 5,289 mg/m³/ 4h | |



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- **Camphor**
Oral toxicity LD₅₀ (mouse): 1310 mg/kg
Dermal toxicity No data available.
Inhalation No data available.
- **Eucalyptus Oil**
Oral toxicity No data available.
Dermal toxicity LD50 Dermal - Rabbit - > 5.000 mg/kg
Inhalation No data available.

Skin corrosion / irritation

Product No data available.

- Ingredient(s)
- **Menthol**
Causes skin irritation
 - **Camphor**
No data available.
 - **Eucalyptus Oil**
No data available.

Serious eye damage / irritation

Product Mildly irritating to eyes.

- Ingredient(s)
- **Menthol**
Causes serious eye irritation
 - **Camphor**
No data available.
 - **Eucalyptus Oil**
Eyes - Rabbit Result: No eye irritation - 72 h (OECD Test Guideline 405)

Respiratory or skin sensitization

Product No data available.

- Ingredient(s)
- **Menthol**
Shall not be classified as a respiratory or skin sensitizer
 - **Camphor**
No data available.
 - **Eucalyptus Oil**
May cause sensitization by skin contact.

Germ cell mutagenicity

Product No data available.

- Ingredient(s)
- **Menthol**
Shall not be classified as germ cell mutagenic
 - **Camphor**
No data available.
 - **Eucalyptus Oil**
Not mutagenic in Ames Test

Carcinogenicity

Product No data available.

- Ingredient(s)
- **Menthol**
Shall not be classified as carcinogenic
 - **Camphor**
Not listed as a carcinogen
 - **Eucalyptus Oil**
No data available.

Reproductive toxicity

Product No data available.



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Ingredient(s)

- **Menthol**
Shall not be classified as a reproductive toxicant
- **Camphor**
No data available.
- **Eucalyptus Oil**
No toxicity to reproduction

STOT-single exposure

Product

No data available.

Ingredient(s)

- **Menthol**
Shall not be classified as a specific target organ toxicant (single exposure).
- **Camphor**
Respiratory system
- **Eucalyptus Oil**
No data available.

STOT-repeated exposure

Product

No data available.

Ingredient(s)

- **Menthol**
Shall not be classified as a specific target organ toxicant (repeated exposure).
- **Camphor**
None known
- **Eucalyptus Oil**
No data available.

Aspiration hazard

Product

No data available.

Ingredient(s)

- **Menthol**
Shall not be classified as presenting an aspiration hazard.
- **Camphor**
No data available
- **Eucalyptus Oil**
The substance or mixture (at 100% conc.) is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental effects Harmful to aquatic life.

Toxicity to fish

Product

No data available.

Ingredient(s)

- **Menthol**
Aquatic toxicity (acute) LD₅₀: 22.3 mg/l
Exposure time 96 hours
- **Camphor**
Aquatic toxicity (acute) LD₅₀: 36 mg/l
Exposure time 96 hours
- **Eucalyptus Oil**
No data available.

Toxicity to daphnia and other aquatic invertebrates



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| | | |
|----------------------|--|--|
| <u>Product</u> | No data available. | |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none">• Menthol Aquatic toxicity (acute) EC₅₀: 26.6 mg/l Exposure time 48 hours• Camphor No data available.• Eucalyptus Oil No data available. | |

Toxicity to algae

| | | |
|----------------------|---|--|
| <u>Product</u> | No data available. | |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none">• Menthol Aquatic toxicity (acute) ErC₅₀: 16.2 mg/l Exposure time 72 hours• Camphor No data available.• Eucalyptus Oil No data available. | |

Persistence and degradability

| | | |
|----------------------|--|--|
| <u>Product</u> | No data available. | |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none">• Menthol Theoretical Oxygen Demand 2.97 g/g Theoretical Carbon Dioxide 2.816 mg/mg• Camphor No data available• Eucalyptus Oil No data available. | |

Bioaccumulative potential

| | | |
|----------------------|--|--|
| <u>Product</u> | No data available. | |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none">• Menthol Does not significantly accumulate in organisms. n-octanol/water (log KOW) 3.4 (pH value: 7.2, 37 °C) BCF ≥0.5 – ≤15 (ECHA)• Camphor No data available.• Eucalyptus Oil No data available. | |

Mobility in soil

| | | |
|----------------------|--|--|
| <u>Product</u> | No data available. | |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none">• Menthol No data available.• Camphor No data available.• Eucalyptus Oil No data available. | |

Other adverse effects

| | | |
|----------------------|---|--|
| <u>Product</u> | No data available. | |
| <u>Ingredient(s)</u> | <ul style="list-style-type: none">• Menthol No data available.• Camphor No data available.• Eucalyptus Oil Toxic to aquatic life with long lasting effects (at 100%) | |



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Section 13. DISPOSAL CONSIDERATIONS

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|--------------------------------|---|
| Disposal Methods | This product can be disposed of after consultation with the responsible authorities according to disposal code. Where possible recycling is preferred to disposal or incineration. |
| Disposal considerations | Dispose wastes in an approved waste disposal facility. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Reusing of empty containers is recommended. |

Section 14. TRANSPORT INFORMATION

Transport labeling: The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport

| | |
|----------------------------|-----------------------------------|
| UN Number | Not regulated as dangerous goods. |
| UN proper shipping name | Not regulated as dangerous goods. |
| Transport hazard class(es) | Not regulated as dangerous goods. |
| Packing group | Not regulated as dangerous goods. |
| Environmental hazard | Not regulated as dangerous goods. |

Sea transport

| | |
|----------------------------|-----------------------------------|
| UN Number | Not regulated as dangerous goods. |
| UN proper shipping name | Not regulated as dangerous goods. |
| Transport hazard class(es) | Not regulated as dangerous goods. |
| Packing group | Not regulated as dangerous goods. |
| Environmental hazard | Not regulated as dangerous goods. |

Air transport

| | |
|----------------------------|-----------------------------------|
| UN Number | Not regulated as dangerous goods. |
| UN proper shipping name | Not regulated as dangerous goods. |
| Transport hazard class(es) | Not regulated as dangerous goods. |
| Packing group | Not regulated as dangerous goods. |
| Environmental hazard | Not regulated as dangerous goods. |

Section 15. REGULATORY INFORMATION

No data available.

Section 16. OTHER INFORMATION

| | |
|----------------------------|---|
| Further Information | <p><i>Abbreviations:</i> <i>PEL – Permissible Exposure Limit</i> <i>TWA - Time Weighted Average</i> <i>PEL-TWA – Permissible Exposure Limit – 8-hour Time Weighted Average</i> <i>REL-TWA – Recommended Exposure Limit – Time Weighted Average</i> <i>CAPEL-TWA – California Permissible Exposure Limit – Time Weighted Average</i> <i>IDLH – Immediately Dangerous to Life or Health</i></p> |
|----------------------------|---|



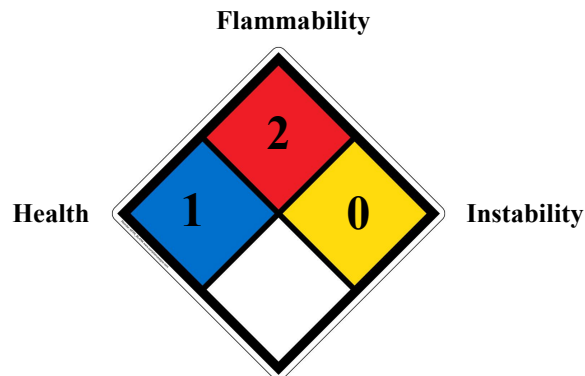
INTERNATIONAL PHARMACEUTICALS, INC.

B. Suico St., Tingub, Mandaue City 6014

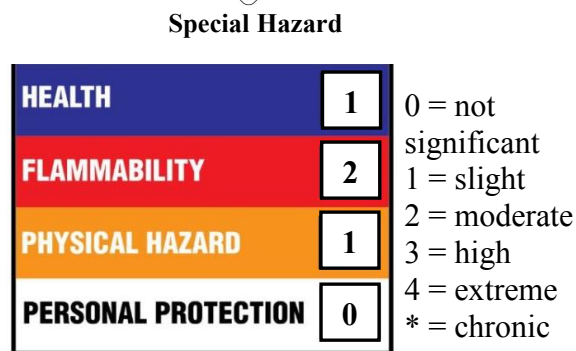
Trunklines: GLOBE: (032) 420-6900 PLDT: (032) 260-6910 Website: www.ipi.ph Email: inquiry@ipi.ph

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 DSA/JBM

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