



Your Wellness. Our Passion.

SAFETY DATA SHEET

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION


Identity	MEGASCENT OIL
Company Name	International Pharmaceuticals, Inc.
Company Address	B. Suico St., Tingub, Mandaue City, Cebu 6014 Philippines
Telephone Number	+63 32 412-6900 / +63 32 260-6910
Intended Use	Counterirritant

Section 2. HAZARD(S) IDENTIFICATION

GHS Classification

Skin sensitization	Category 1
Skin corrosion/irritation	Category 2
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)	Harmful if swallowed (H302) Causes skin irritation (H315) May cause an allergic skin reaction (H317) Causes serious eye irritation (H319) May cause damage to organs (H371)
Precautionary Statement(s)	
Prevention	Do not breathe dust/fume/gas/mist/vapors/spray. (P260) Wash hands thoroughly after handling. (P264) Do not eat, drink or smoke when using this product. (P270) Wear protective gloves/protective clothing/eye protection/face protection. (P280)
Response	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) IF ON SKIN: wash with plenty of soap and water. (P302+P352) IF SKIN irritation occurs: Get medical advice/attention. (P332+P313) Take off contaminated clothing and wash before reuse. (P362) IF IN EYES: Rinse cautiously with water for several minutes.



INTERNATIONAL PHARMACEUTICALS, INC.

B. Suico St., Tingub, Mandaue City 6014

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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 known

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity Mixture

Ingredients	CAS Number	EC Number	Concentration
Camphor	76-22-2	200-945-0	7.20 %
Menthol	2216-51-5	201-939-0	7.15 %
Methyl Salicylate	119-36-8	204-317-7	21.00%
Eucalyptus Oil	8000-48-4	283-406-2	1.125 %
Ethyl Alcohol	64-17-15	200-578-6	1.00 – 3.00%
* Other Non-Hazardous Ingredients	N/A	N/A	≤ 65%

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

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. Treat symptomatically. Seek medical attention.
Most important symptoms / effects, both acute and delayed	No information available.
Note(s) to physician	Treat symptomatically.



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Section 5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use dry chemical powder, water spray, fog or foam.
Unsuitable extinguishing media	High volume water jet
Specific hazards arising from the chemical	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

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	Keep spills and cleaning runoffs out of nearby sewers and open bodies of water.
Methods and materials for containment and cleaning up	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

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.

**Your Wellness. Our Passion.****Materials to avoid**

No special restrictions on storage with other products.

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]
Ethyl Alcohol	<ul style="list-style-type: none">• PEL-TWA: 1000 ppm (1900mg/m³)	<ul style="list-style-type: none">• REL-TWA: 1000 ppm (1900mg/m³)
Camphor	<ul style="list-style-type: none">• PEL-TWA: 2 mg/m³	<ul style="list-style-type: none">• REL-TWA: 2 mg/m³

[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

Appearance (physical state, color, etc.)	Green, clear, oily liquid
Odor	Characteristic
Odor threshold	No data available.
pH	No data available.
Melting point / freezing point	No data available.
Initial boiling point and boiling range	No data available.

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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.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	0.9168
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	Can cause skin irritation. May cause allergic skin reaction.
Ingestion	Harmful if swallowed.
Eye contact	Not an expected route of exposure; however, direct contact can cause serious 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>	No data available.
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Menthol Oral toxicity LD₅₀ (rat): 3,180 mg/kg



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Dermal toxicity LD₅₀ (rabbit): >5000 mg/kg
Inhalation LD₅₀ (rat): 5,289 mg/m³/ 4h

- **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.

- **Methyl salicylate**

Oral toxicity LD₅₀ (mouse): 1,110 mg/kg
LD₅₀ (rat): 887 mg/kg
LD₅₀ (rabbit): 1300 mg/kg
LD₅₀ (child): 228 mg/kg
LD₅₀ (adult human): 506 mg/kg

Dermal toxicity No data available.
Inhalation No data available.

- **Ethanol**

Oral toxicity LD₅₀ (mouse): 10740 mg/kg
Dermal toxicity LD₅₀(rabbit): >16000 mg/kg

Skin corrosion / irritation

Product

No data available.

Ingredient(s)

- **Menthol**
Causes skin irritation
- **Camphor**
No data available.
- **Eucalyptus Oil**
No data available.
- **Methyl salicylate**
No data available.
- **Ethanol**
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)
- **Methyl salicylate**
No data available.
- **Ethanol**
May cause minimal irritation.

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.



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- **Methyl salicylate**
No data available.
- **Ethanol**
No data available.

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
- **Methyl salicylate**
No data available.
- **Ethanol**
No data available.

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.
- **Methyl salicylate**
Not listed as a carcinogen
- **Ethanol**
No data available.

Reproductive toxicity

Product

No data available.

Ingredient(s)

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

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.
- **Methyl Salicylate**
No data available.
- **Ethanol**
No data available.



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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.
- **Methyl salicylate**
No data available
- **Ethanol**
No data available.

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.
- **Ethanol**
LC₅₀ (Fathead Minnow) 14,200 mg/L
Exposure time 96 hours
- **Methyl salicylate**
No data available.

Toxicity to daphnia and other aquatic invertebrates

Product

No data available.

Ingredient(s)

- **Menthol**
Aquatic toxicity (acute) EC₅₀: 26.6 mg/l
Exposure time 48 hours
- **Camphor**
No data available.
- **Eucalyptus Oil**
No data available.
- **Ethanol**
EC₅₀: 18,400 mg/L
Exposure time: 24 hours
- **Methyl salicylate**
No data available.

Toxicity to algae

Product

No data available.



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<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.• Ethanol No data available.• Methyl salicylate No data available.
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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.• Ethanol No data available.• Methyl salicylate 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.• Ethanol No data available.• Methyl salicylate 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.• Ethanol Highly mobile in soil.• Methyl salicylate No data available.

Other adverse effects

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



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- No data available.
- **Camphor**
No data available.
- **Eucalyptus Oil**
Toxic to aquatic life with long lasting effects (at 100% conc.)
- **Ethanol**
No data available.
- **Methyl salicylate**
No data available.

Section 13. DISPOSAL CONSIDERATIONS

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. Dispose wastes in an approved waste disposal facility.
Disposal considerations	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

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The regulatory data in this section is not intended to be all-inclusive, only selected regulations are represented.

International Inventories

Country / Region	Inventory Name	On Inventory (Yes / No)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Act on the Registration and Evaluation of Chemicals (REACH)	No
Korea	Korea Existing Chemicals Inventory (KECI)	No
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s). Certain restrictions may apply.

This SDS has been prepared in accordance to the UN Globally Harmonized System and the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200. While the finished product is not considered hazardous as defined in 29 CFR 1910.1200 (d), this Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product.

Section 16. OTHER INFORMATION**Further Information****Abbreviations:**

MSDS – Material Safety Data Sheet
GHS – Globally Harmonized System of Classification
CAS – Chemistry Abstracts Service
EC – European Community Number
CFR – Code of Federal Regulations
OSHA – Occupational Safety and Health Administration
NIOSH – The National Institute of Occupational Safety and Health (NIOSH)
PEL – Permissible Exposure Limit
TWA – Time Weighted Average
PEL-TWA – Permissible Exposure Limit – 8-hour Time Weighted Average
CAPEL-TWA – California Permissible Exposure Limit – Time Weighted Average
IDLH – Immediately Dangerous to Life or Health
STOT – Specific Target Organ Toxicity
OECD – Organization for Economic Co-operation and Development
NTP – National Toxicology Program
NOEL – No Observable Effect Level
NOEC – No Observable Effect Concentration
LOEC – Lowest Observed Effects Concentration
LD₅₀ – median Lethal Dose
LC₅₀ – Lethal Concentration required to kill 50% of the population



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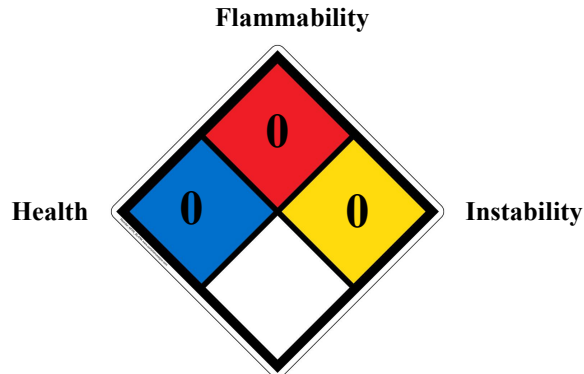
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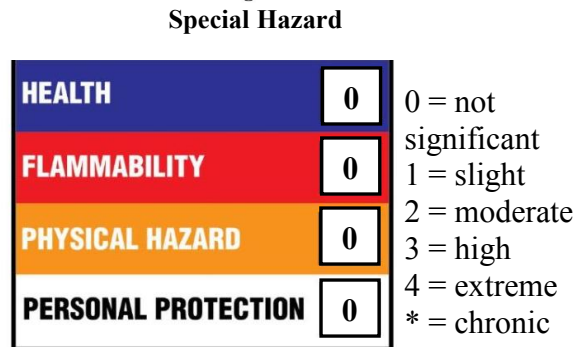
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EC₅₀ – half maximal Effective Concentration
ErC₅₀ – 50% reduction in growth rate
ISO – International Organization for Standardization
RCRA – Resource Conservation and Recovery Act
UN Number – United Nations Number
NFPA – National Fire Protection Association
HMIS – Health Management Information Systems

NFPA



HMIS



Data Publicly available information.
Issued Date 28 September 2022
Prepared by Product Research and Development Department
 International Pharmaceuticals Inc.
 RBN/CJS

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.