

**Your Wellness. Our Passion.****SAFETY DATA SHEET****Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Identity	BIODERM FAMILY GERMICIDAL SOAP – COOLNESS
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	Germicidal bath soap

Section 2. HAZARD(S) IDENTIFICATION

GHS Classification	
Eye Irritation	Category 2B
GHS Label Element	
Hazard Pictogram(s)	None
Signal Word(s)	Warning
Hazard Statement(s)	Causes eye irritation (H320)
Precautionary Statement(s)	
Prevention	Wash contaminated area thoroughly with water after handling. (P264)
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+338) If eye irritation persists: Get medical advice/attention. (P337+313)
Storage	None known
Disposal	None known
Other hazards	None known

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical Identity** Mixture

Ingredients	CAS Number	EC Number	Concentration
Titanium Dioxide	13463-67-7	236-675-5	0.1 – 5%
Non-hazardous Ingredients*	N/A	N/A	≥ 95%

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	Unlikely a route of exposure as the product does not contain volatile substances. If inhaled, move affected individual from exposure site to fresh air.
Skin Contact	Wash with water. Get medical attention if irritation develops.



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Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Ingestion	Wash mouth with water. Remove dentures, if present. Do not induce vomiting. Seek medical attention immediately if symptoms occur.
Most important symptoms / effects, both acute and delayed	No information available.
Note(s) to physician	Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Product is non-flammable
Unsuitable extinguishing media	Product is non-flammable
Specific hazards arising from the chemical	Not combustible, however if involved in a fire it may decompose and release toxic fumes.
Hazardous combustion products	Not flammable or combustible
Special protective actions for fire-fighters	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in a positive pressure mode and full protective clothing to prevent exposure vapors and fumes.
Specific extinguishing methods	Water spray may be used to cool down heat-exposed containers.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
Non-emergency personnel	Sweep or collect material to a suitable labelled container for recycling or disposal.
Emergency responders	Individuals involved in the cleanup must wear appropriate Personal Protective Equipment.
Environmental precautions	Keep debris and cleaning runoffs out of nearby sewers and open bodies of water.
Methods and materials for containment and cleaning up	Transfer solid materials to containers for recovery or disposal. Wash away remains with warm water or absorb with sand, rags or sweeping compound. Dispose according to local regulations.

Section 7. HANDLING AND STORAGE

Precautions for safe handling	Handle containers carefully to prevent damage.
Conditions for safe storage	Keep in a dry and well-ventilated area, at normal temperatures. Keep out of reach of children. Store in suitable labeled containers.
Materials to avoid	Keep away from water during storage.

**Your Wellness. Our Passion.****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]
Titanium Dioxide	<ul style="list-style-type: none"> • IDLH: 5000 mg/m³ • PEL-TWA: 15 mg/m³ (total dust) • CAPEL-TWA: 10 mg/m³ (total dust), 5 mg/m³ (respirable fraction) 	<ul style="list-style-type: none"> • IDLH: 5000 mg/m³ – a potential occupational carcinogen • TWA: 15 mg/m³

[A] Occupational Safety and Health Administration (OSHA)

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

Appropriate engineering controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Eye / face protection No special protective equipment required.
 Hand protection No special protective equipment required.
 Skin / body protection No special protective equipment required.
 Respiratory protection No personal respiratory protective equipment normally required.
 Thermal hazards No special protective equipment required.

Hygiene measures General industrial hygiene practice.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Blue, smooth soap
Odor	Characteristic
Odor threshold	No data available.
pH	9.00
Melting point / freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	Not applicable.
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Upper / lower flammability or explosive limits	Not applicable.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient (n-octanol / water)	No data available.
Auto-ignition temperature	Not applicable.

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Decomposition temperature Not determined.

Viscosity Not applicable.

Section 10. STABILITY AND REACTIVITY

Reactivity	Reacts with incompatibilities
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No hazards to be specially mentioned.
Conditions to avoid	Extremes of temperatures and direct sunlight. Keep in dry place.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Thermal decomposition may result in release to toxic and/or irritating fumes.

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 Eye contact, skin contact

Potential health effects

Inhalation	Health injuries are not known or expected under normal use.
Skin contact	Health injuries are not known or expected under normal use.
Ingestion	Health injuries are not known or expected under normal use.
Eye contact	Health injuries are not known or expected under normal use.

Experience with human exposure

Inhalation	No symptoms known or expected.
Skin contact	No symptoms known or expected.
Ingestion	No symptoms known or expected.
Eye contact	Mild irritation

Acute toxicity

Product No data available.

Ingredient(s)

- **Titanium Dioxide**

Oral	LD ₅₀ (rat): > 10,000 mg/kg
Dermal	LD ₅₀ (rabbit): > 10,000 mg/kg

Skin corrosion / irritation

Product No skin irritation.

Ingredient(s)

- **Titanium Dioxide**

Species	Human
Exposure time	3 hours
Result	Mild skin irritation

Serious eye damage / irritation

Product No eye irritation.

Ingredient(s)

- **Titanium Dioxide**

Species	Rabbit
Result	No eye irritation



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Respiratory or skin sensitization

Product No data available.
Ingredient(s) No data available.

Germ cell mutagenicity

Product No data available.
Ingredient(s) • **Titanium Dioxide**
Hamster Lungs DNA inhibition. Hamster ovary Sister chromatid exchange

Carcinogenicity

Product No data available.
Ingredient(s) • **Titanium Dioxide**
Possibly carcinogenic to humans

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Product No data available.
Ingredient(s) No data available.

STOT-single exposure

Product No data available.
Ingredient(s) No data available.

STOT-repeated exposure

Product No data available.
Ingredient(s) No data available.

Aspiration hazard

Product No data available.
Ingredient(s) No data available.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental effects Harmful to aquatic life
Toxicity to fish

Product No data available.
Ingredient(s) • **Titanium Dioxide**
LC₅₀(other fish) 1,000 mg/L
Exposure time 96 hours

Toxicity to daphnia and other aquatic invertebrates

Product No data available.
Ingredient(s) • **Titanium Dioxide**
EC₅₀(Water flea) 1,000 mg/L
EC₀(Water flea) 1,000 mg/L
Exposure time 48 hours



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Toxicity to algae

Product No data available.

Ingredient(s) No data available.

Persistence and degradability

Product No data available.

Ingredient(s) No data available.

Bioaccumulative potential

Product No data available.

Ingredient(s) No data available.

Mobility in soil

Product No data available.

Ingredient(s) No data available.

Other adverse effects

Product No data available.

Ingredient(s) 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	Not regulated as dangerous goods.



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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name

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 further information.

Section 16. OTHER INFORMATION

Further Information

Abbreviations:

PEL – Permissible Exposure Limit

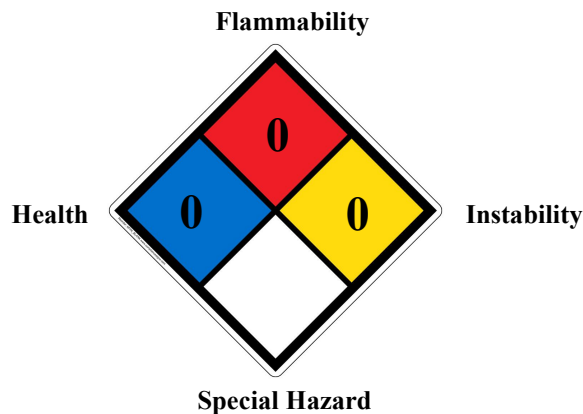
TWA - Time Weighted Average

PEL-TWA – Permissible Exposure Limit – 8-hour Time Weighted Average

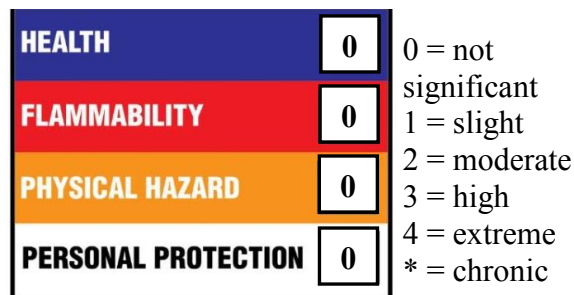
CAPEL-TWA – California Permissible Exposure Limit – Time Weighted

Average IDLH – Immediately Dangerous to Life or Health

NFPA



HMIS



Data Publicly available information.

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Prepared by Product Research and Development Department



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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International Pharmaceuticals Inc.

APR/JBM

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