

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

| | |
|-------------------------|---|
| Identity | BIODERM FAMILY GERMICIDAL SOAP – TIMELESS |
| 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**

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| 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/m⁵ • 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.) | Beige, 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 name | Not regulated as dangerous goods. |



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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

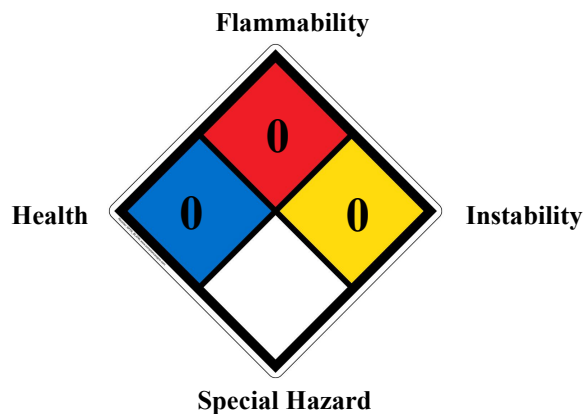
TWA - Time Weighted Average

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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APR/JBM

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