

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

<b>Identity</b>	<b>BIODERM FAMILY GERMICIDAL SOAP – BLOOM VITAOIL</b>
<b>Company Name</b>	International Pharmaceuticals, Inc.
<b>Company Address</b>	B. Suico St., Tingub, Mandaue City, Cebu 6014 Philippines
<b>Telephone Number</b>	+63 32 412-6900 / +63 32 260-6910
<b>Intended Use</b>	As bath soap

**Section 2. HAZARD(S) IDENTIFICATION**

<b>GHS Classification</b>	
Eye Irritation	Category 2B
<b>GHS Label Element</b>	
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
<b>Other hazards</b>	None known

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

<b>Ingredients</b>	<b>CAS Number</b>	<b>EC Number</b>	<b>Concentration</b>
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.
<b>Most important symptoms / effects, both acute and delayed</b>	No information available.
<b>Note(s) to physician</b>	Treat symptomatically.

### Section 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Product is non-flammable
<b>Unsuitable extinguishing media</b>	Product is non-flammable
<b>Specific hazards arising from the chemical</b>	Not combustible, however if involved in a fire it may decompose and release toxic fumes.
<b>Hazardous combustion products</b>	Not flammable or combustible
<b>Special protective actions for fire-fighters</b>	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.
<b>Specific extinguishing methods</b>	Water spray may be used to cool down heat-exposed containers.

### Section 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	
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.
<b>Environmental precautions</b>	Keep debris and cleaning runoffs out of nearby sewers and open bodies of water.
<b>Methods and materials for containment and cleaning up</b>	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

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



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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]
Titanium Dioxide	<ul style="list-style-type: none"> <li>• IDLH: 5000 mg/m<sup>3</sup></li> <li>• PEL-TWA: 15 mg/m<sup>3</sup> (total dust)</li> <li>• CAPEL-TWA: 10 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction)</li> </ul>	<ul style="list-style-type: none"> <li>• IDLH: 5000 mg/m<sup>3</sup> – a potential occupational carcinogen</li> <li>• TWA: 15 mg/m<sup>3</sup></li> </ul>

[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.)	Pink, 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.



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Auto-ignition temperature	Not applicable.
Decomposition temperature	Not determined.
Viscosity	Not applicable.

**Section 10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Reacts with incompatibilities
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No hazards to be specially mentioned.
<b>Conditions to avoid</b>	Extremes of temperatures and direct sunlight. Keep in dry place.
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	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.

<b>Information of the likely routes of exposure</b>	Eye contact, skin contact
<b>Potential health effects</b>	
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.
<b>Experience with human exposure</b>	
Inhalation	No symptoms known or expected.
Skin contact	No symptoms known or expected.
Ingestion	No symptoms known or expected.
Eye contact	Mild irritation
<b>Acute toxicity</b>	
<u>Product</u>	No data available.
<u>Ingredient(s)</u>	<ul style="list-style-type: none"><li>• <b>Titanium Dioxide</b><ul style="list-style-type: none"><li>Oral                      LD<sub>50</sub>(rat): &gt; 10,000 mg/kg</li><li>Dermal                 LD<sub>50</sub>(rabbit): &gt; 10,000 mg/kg</li></ul></li></ul>
<b>Skin corrosion / irritation</b>	
<u>Product</u>	No skin irritation.
<u>Ingredient(s)</u>	<ul style="list-style-type: none"><li>• <b>Titanium Dioxide</b><ul style="list-style-type: none"><li>Species                      Human</li><li>Exposure time             3 hours</li><li>Result                        Mild skin irritation</li></ul></li></ul>
<b>Serious eye damage / irritation</b>	
<u>Product</u>	No eye irritation.



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<u>Ingredient(s)</u>	<ul style="list-style-type: none"> <li><b>Titanium Dioxide</b></li> </ul>	Species	Rabbit
		Result	No eye irritation
<b>Respiratory or skin sensitization</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	No data available.		
<b>Germ cell mutagenicity</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	<ul style="list-style-type: none"> <li><b>Titanium Dioxide</b></li> </ul>	Hamster Lungs DNA inhibition. Hamster ovary Sister chromatid exchange	
<b>Carcinogenicity</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	<ul style="list-style-type: none"> <li><b>Titanium Dioxide</b></li> </ul>	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.		
<b>Reproductive toxicity</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	No data available.		
<b>STOT-single exposure</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	No data available.		
<b>STOT-repeated exposure</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	No data available.		
<b>Aspiration hazard</b>			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	No data available.		

**Section 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Environmental effects	Harmful to aquatic life		
Toxicity to fish			
<u>Product</u>	No data available.		
<u>Ingredient(s)</u>	<ul style="list-style-type: none"> <li><b>Titanium Dioxide</b></li> </ul>	LC <sub>50</sub> (other fish)	1,000 mg/L
		Exposure time	96 hours
Toxicity to daphnia and other aquatic invertebrates			
<u>Product</u>	No data available.		



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<u>Ingredient(s)</u>	• <b>Titanium Dioxide</b>	
	EC <sub>50</sub> (Water flea)	1,000 mg/L
	EC <sub>0</sub> (Water flea)	1,000 mg/L
	Exposure time	48 hours

**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**

<b>Disposal Methods</b>	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.
<b>Disposal considerations</b>	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.



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### 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 further information.

### Section 16. OTHER INFORMATION

#### Further Information

#### Abbreviations:

PEL – Permissible Exposure Limit

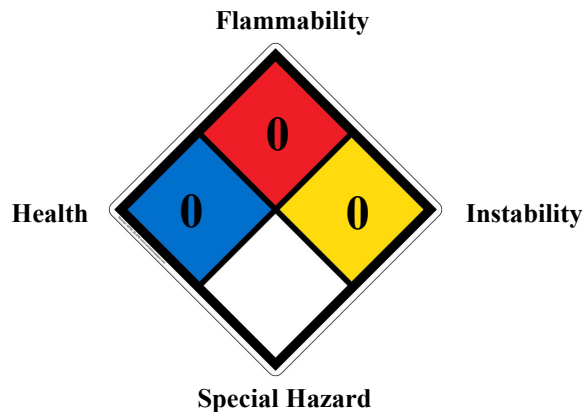
TWA - Time Weighted Average

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

<b>HEALTH</b>	<b>0</b>	0 = not significant 1 = slight 2 = moderate 3 = high 4 = extreme * = chronic
<b>FLAMMABILITY</b>	<b>0</b>	
<b>PHYSICAL HAZARD</b>	<b>0</b>	
<b>PERSONAL PROTECTION</b>	<b>0</b>	



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