

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

Identity	DR. S. WONG'S SULFUR SOAP – SCENTED WITH MOISTURIZER
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	Medicated soap for the relief of common skin infections

Section 2. HAZARD(S) IDENTIFICATION

GHS Classification	
Eye irritation	Category 2B
GHS Label Element	
Hazard Pictogram(s)	
Signal Word(s)	Warning
Hazard Statement(s)	May cause an allergic skin reaction (H317) Causes eye irritation (H320)
Precautionary Statement(s)	
Prevention	Keep container tightly closed. (P233)
Response	Wash thoroughly with water after handling (P264)
Storage	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. (337+313)
Disposal	None known
Other hazards	None known

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

Ingredients	CAS Number	EC Number	Concentration
Sulfur	7704-34-9	231-722-6	0.1 – 5%
Titanium Dioxide	13463-67-7	236-675-5	0.1 – 5%
Non-hazardous Ingredients*	N/A	N/A	≥ 90%

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)



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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.
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 Note(s) to physician

No information available.
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 too 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.

**Your Wellness. Our Passion.****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 and strong oxidizing agents during storage.

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.)	Pale yellow, rough 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.

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Vapor pressure	No data available.
Vapor density	No data available.
Specific gravity	No data available.
Solubility(ies)	No data available.
Partition coefficient (n-octanol / water)	No data available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	No data available.
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 release noxious, toxic or corrosive gases or vapors such as sulfur oxides and hydrogen sulfide.

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	Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.
Eye contact	Contact may cause mild, transient irritation.
Acute toxicity	
<u>Product</u>	No data available
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide<ul style="list-style-type: none">Oral LD₅₀ (rat): > 10.000 mg/kgDermal LD₅₀ (rabbit): > 10.000 mg/kg• Sulfur<ul style="list-style-type: none">Oral LD₅₀ (rat): > 3000 mg/kgDermal LD₅₀ (rabbit): > 2000 mg/kgInhalation LD₅₀ (rat): > 9.23 mg/L , 4 hours



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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 data available.

Ingredient(s)

• **Titanium Dioxide**

Species	Rabbit
Result	No eye irritation

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.



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Toxicity to fish

Product

No data available.

Ingredient(s)

- **Titanium Dioxide**
LC₅₀ (other fish) 1.000 mg/L
Exposure time 96 hours
- **Sulfur**
LC₅₀ (Oncorhynchus mykiss) 180 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
- **Sulfur**
LC₅₀ (Daphnia magna) >10000 mg/L
Exposure time 24 hours

Toxicity to bacteria

Product

No data available.

Ingredient(s)

- **Sulfur**
EC₅₀ (Activated sludge) 1900 mg/L
Exposure time 3 hours

Toxicity to other organisms

Product

No data available.

Ingredient(s)

- **Sulfur**
EC₅₀ (Protozoa, Tetrahymena pyriformis) 0.16 mg/L
Exposure time 24 hours

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



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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

Abbreviations

PEL – Permissible Exposure Limit

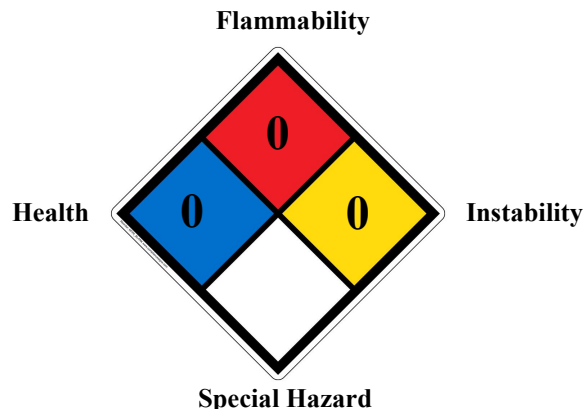
TWA - Time Weighted Average

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





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HMIS

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

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