

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

Identity	DR. WONG'S LIGHTENING SOAP
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	As 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%
Glycerin	56-81-5	200-289-5	0.5 – 5%
Sodium Lactate	72-17-3	200-772-0	0.5 – 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.
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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	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.

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.

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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
Glycerin	<ul style="list-style-type: none"> • PEL-TWA: 15 mg/m³ total dust, 5 mg/m³ (respirable) • CAPEL-TWA: 10 mg/m³ (total dust), 5 mg/m³ (respirable) 	<ul style="list-style-type: none"> • TWA: 15 mg/m³ (total), 5 mg/m³ (respirable)

[A] Occupational Safety and Health Administration (OSHA)

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

**Appropriate engineering controls
Individual protection measures**

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

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.)	White, 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									
<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• Glycerin<ul style="list-style-type: none">Oral toxicity LD₅₀ (rat): 12,600 mg/kg body weightDermal toxicity LD₅₀ (rat): 21,900 mg/kg body weight								
Skin corrosion / irritation									
<u>Product</u>	No skin irritation.								
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide<table><tr><td>Species</td><td>Human</td></tr><tr><td>Exposure time</td><td>3 hours</td></tr><tr><td>Result</td><td>Mild skin irritation</td></tr></table>• Glycerin<table><tr><td></td><td>No irritant effect</td></tr></table>	Species	Human	Exposure time	3 hours	Result	Mild skin irritation		No irritant effect
Species	Human								
Exposure time	3 hours								
Result	Mild skin irritation								
	No irritant effect								
Serious eye damage / irritation									



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<u>Product</u>	No eye irritation.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide Species Rabbit Result No eye irritation• Glycerin No irritating effect	
Respiratory or skin sensitization		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide Species Mouse Test type Local Lymph Node Assay (LLNA) Method OECD Test Guideline 429• Glycerin No sensitizing effects known	
Germ cell mutagenicity		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide Hamster Lungs DNA inhibition. Hamster ovary Sister chromatid exchange• Glycerin No data available	
Carcinogenicity		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• 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.	
	<ul style="list-style-type: none">• Glycerin	No data available
Reproductive toxicity		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide No data available• Glycerin No data available	
STOT-single exposure		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin No data available• Titanium Dioxide Not classified as specific target organ toxicant (single exposure)	
STOT-repeated exposure		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin No data available• Titanium Dioxide Species Rat Application route Oral Exposure time 28 days	



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	Test type Method	Subacute toxicity study OECD Test Guideline 407
Aspiration hazard		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none"> • Glycerin • Titanium Dioxide 	No data available No aspiration toxicity classification

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"> • Titanium Dioxide LC₅₀(other fish) Exposure time • Glycerin 	1,000 mg/L 96 hours EC ₅₀ (24 h): > 10,000 mg/L
Toxicity to daphnia and other aquatic invertebrates		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none"> • Titanium Dioxide EC₅₀(Water flea) EC₀(Water flea) Exposure time • Glycerin 	1,000 mg/L 1,000 mg/L 48 hours LC ₁₀₀ (96 h): 51,000 – 57,000 mg/L <i>Daphnia magna</i>
Toxicity to algae		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none"> • Titanium Dioxide Species 	ErC ₅₀ (72 h): > 1,000 mg/L <i>Skeletonema costatum</i> (marine diatom) NOEC (72 h): >5,600 mg/L (nominal concentration) ISO 10253
	Method	No data available
	<ul style="list-style-type: none"> • Glycerin 	

Persistence and degradability

<u>Product</u>	No data available.
<u>Ingredient(s)</u>	No data available.

Bioaccumulative potential

<u>Product</u>	No data available.
<u>Ingredient(s)</u>	No data available.

Mobility in soil

<u>Product</u>	No data available.
<u>Ingredient(s)</u>	No data available.

Other adverse effects

<u>Product</u>	No data available.
<u>Ingredient(s)</u>	No data available.



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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

No data available.

Section 16. OTHER INFORMATION

Further Information

Abbreviations:
MSDS – Material Safety Data Sheet
GHS – Globally Harmonized System of Classification
PEG – Polyethylene Glycol
CAS – Chemistry Abstracts Service
EC – European Community Number
CFR – Code of Federal Regulations



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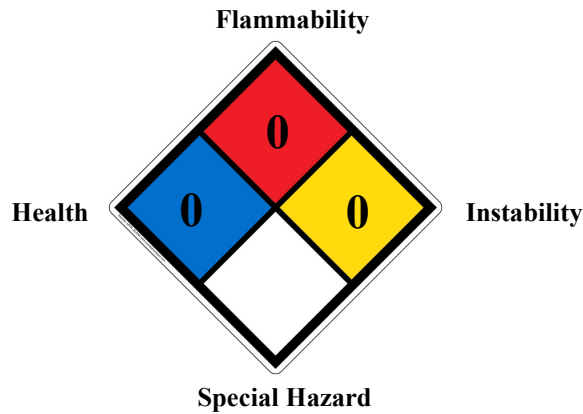
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OSHA – Occupational Safety and Health Administration
 NIOSH – The National Institute of Occupational Safety and Health (NIOSH)
 PEL – Permissible Exposure Limit
 TWA – Time Weighted Average
 PEL-TWA – Permissible Exposure Limit – 8-hour Time Weighted 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
 LC₁₀₀ – observed concentration involving 100% of mortality
 LC₅₀ – Lethal Concentration required to kill 50% of the population
 EC₅₀ – half maximal Effective Concentration
 EL₅₀ – Effective Loading rate resulting in 50% effect
 LL₅₀ – Lethal Loading rate resulting in 50% mortality
 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

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



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