

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

Identity	DR. WONG'S LIGHTENING LOTION
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	To moisturize and lighten skin on the hands and body

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

Not classified as hazardous by any GHS categories

GHS Label Element

Hazard Pictogram(s)	No applicable GHS pictogram
Signal Word(s)	No applicable GHS signal word
Hazard Statement(s)	No applicable GHS hazard statement
Precautionary Statement(s)	
Prevention	No applicable GHS prevention statement
Response	No applicable GHS response statement
Storage	No applicable GHS storage statement
Disposal	No applicable GHS disposal statement

Other hazards None known.**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical Identity** Mixture

Ingredients	CAS Number	EC Number	Concentration
Glycerin	56-81-5	200-289-5	1 – 20%
Ethylhexyl Methoxycinnamate	5466-77-3	226-661-9	1 – 20%
Stearic Acid	57-11-4	200-313-4	1 – 10%
Cetyl Alcohol	36653-82-4	253-149-0	1 – 10%
PEG-100 Stearate	9004-99-3	203-886-9	0.5 – 5%
Isopropyl Myristate	110-27-0	203-751-4	0.1 – 3%
Titanium Dioxide	13463-67-7	236-675-5	0.1 – 3%
Non-hazardous Ingredients*	N/A	N/A	≥ 50%

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	If irritation occurs, discontinue use. Rinse irritated area with soap and water.
Eye Contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present. Continue rinsing for at least 10 minutes. If symptoms persist, seek medical attention immediately.
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. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	None known
Specific hazards arising from the chemical	None known
Hazardous combustion products	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)
Special protective actions for fire-fighters	Use personal protective equipment. Wear self-contained breathing apparatus.
Specific extinguishing methods	Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (i.e. goggles, gloves). Remove spilled material with absorbent material (i.e. sand, earth, diatomaceous earth, vermiculite) and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local or national regulations. Wash all affected area and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
Emergency responders	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Deny entry to all unprotected individuals. Maximize ventilation (open doors and windows). Dike and contain spill with inert material (e.g. sand or earth). Transfer soiled material to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing. Keep spills and cleaning runoffs out of nearby sewers and open bodies of water.



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Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to appropriate regulatory body.

Methods and materials for containment and cleaning up

Dike and contain spill with inert material (e.g. sand or earth). Transfer soiled material to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Dispose of properly in accordance with local or national regulations. Wash all affected area and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

Section 7. HANDLING AND STORAGE

Precautions for safe handling

For external use only.

Conditions for safe storage

Handle containers carefully to prevent damage and spillage. Keep out of reach of children. Do not store above 30°C. Protect from heat and light.

Materials to avoid

No special restrictions on storage with other products.

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]
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)
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
Triethanolamine	<ul style="list-style-type: none"> • CAPEL-TWA: 5mg/m³ [A] 	<ul style="list-style-type: none"> • No reported limits

[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. When ventilation is inadequate or at high vapor concentrations, wear appropriate respirator.

Thermal hazards

No special protective equipment required.

Hygiene measures

General industrial hygiene practice.

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Appearance (physical state, color, etc.)	Very light cream, opaque cream
Odor	Characteristic
Odor threshold	No data available.
pH	6.95
Melting point / freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper / lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.016 g/mL
Solubility(ies)	No data available.
Partition coefficient (n-octanol / water)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	3,500 cPs

Section 10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended storage conditions.
Chemical stability	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	No hazards to be specially mentioned.
Conditions to avoid	No known conditions that are likely to result in a hazardous situation.
Incompatible materials	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Carbon monoxide, carbon dioxide

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, ingestion
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.



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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	Redness, pain, irritation

Acute toxicity

<u>Product</u>	No data available	
<u>Ingredient(s)</u>	• Glycerin	
	Oral toxicity	LD ₅₀ (rat): 12,600 mg/kg body weight
	Dermal toxicity	LD ₅₀ (rat): 21,900 mg/kg body weight
	• Titanium Dioxide	
	Oral toxicity	LD ₅₀ (rat): >5,000 mg/kg

Skin corrosion / irritation

<u>Product</u>	No data available	
<u>Ingredient(s)</u>	• Glycerin	
		No irritant effect
	• Titanium Dioxide	
		No skin irritation (several species)

Serious eye damage / irritation

<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	• Glycerin	
		No irritating effect
	• Titanium Dioxide	
	Species	Dust contact with the eyes can lead to mechanical irritation
	Method	Rabbit
	Result	OECD Test Guideline 405
		No eye irritation

Respiratory or skin sensitization

<u>Product</u>	No data available	
<u>Ingredient(s)</u>	• Glycerin	
		No sensitizing effects known
	• Titanium Dioxide	
	Species	Did not cause sensitization
	Test type	Mouse
		Local Lymph Node Assay (LLNA)
	Method	OECD Test Guideline 429

Germ cell mutagenicity

<u>Product</u>	No data available	
<u>Ingredient(s)</u>	• Glycerin	
		No data available
	• Titanium Dioxide	
	In vitro:	Genotoxic
		Not mutagenic (various test systems)
	In vivo:	Not genotoxic
	Species	Mouse
	Test type	Micronucleus Test
	Method	OECD Test Guideline 474

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	Sample	Bone marrow
Carcinogenicity		
<u>Product</u>	No data available	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin	No data available
	Titanium Dioxide	Tumors seen in rats on inhalation of very high concentrations are believed to be result of prolonged "lung overload" and is considered relevant to man.
Reproductive toxicity		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	No data available No data available
STOT-single exposure		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	No data available 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• Titanium Dioxide	No data available
	Species	NOEL: 2,400 mg/kg body weight
	Application route	Rat
	Exposure time	Oral
	Test type	28 days
	Method	Subacute toxicity study OECD Test Guideline 407
Further information		
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Titanium Dioxide	May cause irritation of respiratory tract
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	Not known or expected under normal use	
Toxicity to fish		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin	EC ₅₀ (24 h): > 10,000 mg/L
	<ul style="list-style-type: none">• Titanium Dioxide	No data available
Toxicity to daphnia and other aquatic invertebrates		



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<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin	LC ₁₀₀ (96 h): 51,000 – 57,000 mg/L <i>Daphnia magna</i>
	Species	
	<ul style="list-style-type: none">• Titanium Dioxide	No data available
Toxicity to algae		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin	No data available
	<ul style="list-style-type: none">• Titanium Dioxide	ErC ₅₀ (72 h): > 1,000 mg/L <i>Skeletonema costatum</i> (marine diatom)
	Species	
	Method	NOEC (72 h): >5,600 mg/L (nominal concentration) ISO 10253
Toxicity to bacteria		
<u>Product</u>	No data available	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	No data available No data available
Persistence and degradability		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	Easily biodegradable The methods of determining biodegradability are not applicable to inorganic substance
Bioaccumulative potential		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	Due to the distribution coefficient n-octanol/water, an accumulation in organisms is not expected. No data available
	Partition coefficient: n-octanol/water	Not applicable
Mobility in soil		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	No further relevant information available No data available
Other adverse effects		
<u>Product</u>	No data available.	
<u>Ingredient(s)</u>	<ul style="list-style-type: none">• Glycerin• Titanium Dioxide	No further relevant information available There is no data available for this product



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Section 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Household use: This product is not safe for disposal down the or in the trash. This product can be disposed of after consultation with the responsible authorities according to disposal code. Dispose of empty bottle in the trash or recycle where facilities exist.

Non-household use: Products covered by this MSDS, in their original form, when disposed as waste, are considered **non-hazardous waste** according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Recycling is recommended for undiluted scrap product. Do not landfill.

Disposal considerations

Dispose in accordance with all local and national regulations.

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



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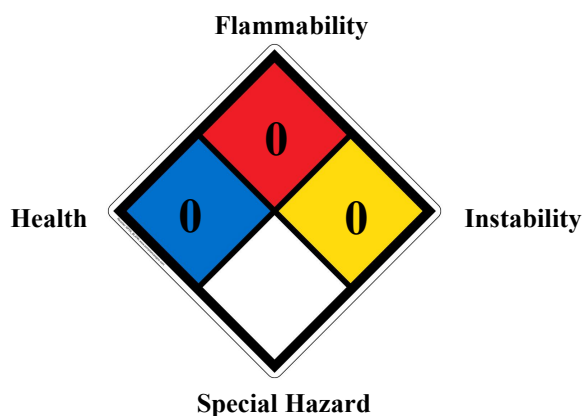
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CAS – Chemistry Abstracts Service
EC – European Community Number
CFR – Code of Federal Regulations
OSHA – Occupational Safety and Health Administration
NIOSH – The National Institute of Occupational Safety and Health (NIOSH)
PEL – Permissible Exposure 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	C	



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