



SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION					
Product Identifier	John Paul Mitchell Systems Blue Oil Lightener System – Blue Oil Booster			[WHMIS Classification] Excluded	
Product Use	Personal Care/Use - Cosmetic - Hair Bleach			Revision: 1.3	
Manufacturer's Name	Bright International Corporation				
Street Address	1301 West Industrial Drive (P.O. Box 6)				
City	Coolidge			State	Arizona
Postal Code	85128	Emergency Telephone	520.723.8001/ (Chemtrec) 800-424-9300		
Date SDS Prepared	2/5/2018	SDS Prepared By	Stacey J. LeBlanc	Phone Number	520.316.7628

SECTION 2 – HAZARDS IDENTIFICATION	
Route of Entry	<input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview]	This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.
[WHMIS Symbols]	NA Classification: Acute Toxicity 4; Skin Irritation 2; Eye Irritation 2A Signal Word: Warning
[Potential Health Effects]	Eye Contact: CAUTION. Eye irritant. May cause severe irritation and possible permanent eye injury. Skin Contact: May induce irritation or allergic skin reaction in sensitized individuals. Inhalation: Respiratory tract irritant. May cause asthmatic attack in sensitive individuals. Ingestion: Moderately toxic.
 <ul style="list-style-type: none"> • Irritant (skin and eye) • Acute Toxicity (harmful) 	 <ul style="list-style-type: none"> • Respiratory Tract Irritant
Hazard Statement: H302 - Harmful if swallowed. H315 - Causes skin irritation H319 - Causes serious eye irritation H332 - Harmful if inhaled H373 - May cause damage to organs (Gastro-intestinal system) through prolonged or repeated exposure if swallowed.	Precautionary Statement: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read label before use. P233 - Keep container tightly closed. P235 - Keep cool. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash skin thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment. P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response Precautionary Statement P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of soap and water P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention. P332+P313 - If skin irritation occurs: Get medical advice/attention. P314 - Get medical advice/attention if you feel unwell.	Storage Precautionary Statement P363 - Wash contaminated clothing before reuse. P391 - Collect spillage. P403+ Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container P235 to an approved waste disposal plant. P402 - Store in a dry place. P501 - Dispose of content/container in accordance with local regulation

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ of Ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Oleic Acid	20 – 30	112-80-1	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.	ND
Propylene Glycol	16 - 23	57-55-6		ND
Ammonia Hydroxide (28% - 30%)	10 - 20	1336-21-6		ND
Laureth-7	10 - 18	3055-97-8		ND
Laureth-2	10 - 15	68439-50-9		ND
Oleyl Alcohol	1 – 5	143-28-2		ND
Stearth-20	1 – 5	9002-00-9		ND

SECTION 4 – FIRST AID MEASURES

Skin Contact: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

Eye Contact: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

Inhalation: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, contact a medical doctor.

Ingestion: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting unless advised by physician. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

NOTES TO MEDICAL DOCTOR: This product has moderate oral toxicity and is minimally irritating to the eyes. Flooding of exposed areas with water is suggested, but gastric lavage or emesis induction for ingestions must consider the possible aggravation of esophageal injury and the expected absence of systemic effects. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable Yes No

If yes, under which conditions?

Means of Extinction: **Alcohol resistant foam. Water fog,.Use carbon dioxide or dry chemical media for small fires. If only water is available, use it in the form of a fog.**

Flashpoint (°C) and Method: **>145°F (>63°C); Closed Cup**

Upper Flammable Limit:(% by volume):
Combustible, not determined

Lower Flammable Limit: (% by volume):
Combustible, not determined

Autoignition Temperature (°C) **Not Determined**

Explosion Data: **Not Available**
— Sensitivity to Impact:

Explosion Data: **Not Available**
— Sensitivity to Static Discharge

Hazardous Combustion Products: **Thermal decomposition products are toxic and may include oxides of carbon and irritating gases.**

Fire Fighting Procedures/Equipment: **Use water spray to cool fire-exposed containers or structures. Use water spray to disperse vapours; re-ignition is possible. Isolate materials that are not involved in the fire and protect personnel. Cool containers with flooding quantities of water until well after the fire is out. Use self-contained breathing apparatus and protective clothing.**

[NFPA]: Health 1; Flammability 1; Reactivity 0; Special

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: No action shall be taken involving any personal risk or without suitable training..Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources..No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Personal Protection:
Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots, NIOSH-approved dust respirator where dust occurs. Wear appropriate respirator when ventilation is inadequate..

Small Spill Cleanup:
Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble.

Large Spill Cleanup
Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Use only with adequate ventilation and avoid inhalation. Avoid contact with eyes and skin (other than areas of application). Do not inhale or ingest Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges.

Storage Requirements: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits ACGIH TLV OSHA PEL Not Established Other (*specify*)

Specific Engineering Controls (such as ventilation, enclosed process): None required for product use. For handling large quantities of material, such as in the manufacturing of product, ventilation should be utilized. Local exhaust ventilation is not typically required for product use. For handling large quantities of material, such as in the manufacturing of product -- Local Exhaust: Explosion proof. Mechanical (general): Explosion proof.

Personal Protective Equipment Gloves Respirator Eye Footwear Clothing Other
If checked, please specify type

Plastic or rubber gloves should be worn during product application and preparation. Safety glasses should be considered to protect from eye irritation. Apron may be used for product handling. Ensure all work surfaces are clean. Metal instruments should not be used with this product or stored inside product containers.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Odor and Appearance Clear amber, slightly viscous liquid with strong alcoholic ammonia odor	Odor Threshold (ppm) : Not Determined
Specific Gravity: (water = 1): 0.920 – 0.965	Vapor Density (air = 1) : NA	Vapor Pressure (mmHg) : NA
Evaporation Rate: NA	Boiling Point (°C) :158°FA	Freezing Point (°C) : NA
pH : (1% aqueous) 9.0 su - 10.0 su	Coefficient of Water/Oil Distribution : NA	[Solubility in Water] : Moscob;e

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, under which conditions?	
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, which ones?	Oxidizing materials
Conditions to Avoid:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

No toxicological testing has been performed on this product. Information in this section is based on toxicology of individual components.

Effects of Acute Exposure	
Irritation of eyes, skin and mucous membranes.	
Effects of Chronic Exposure	
Possible allergic dermatitis.	
Irritancy of Product: Product is known to be a moderate irritant	
Skin Sensitization: Can cause irritation and possible dermatitis. Can exacerbate dermatological issues such as eczema.	Respiratory Sensitization: Irritant and can exacerbate bronchitis and bronchial asthma
Carcinogenicity — IARC: No components recognized as carcinogenic	Carcinogenicity — ACGIH: No components recognized as carcinogenic
Reproductive Toxicity: No components recognized as being reproductive toxin	Teratogenicity: No components recognized as being teratogen
Embryotoxicity: No components listed as causing birth defects	Mutagenicity: No components recognized as being mutagen
Note: This product has NOT been tested on animals to obtain toxicology data. However, based on available scientific data, the calculated ATE LD50 for this material is 1,471 mg/kg	

SECTION 12 – ECOLOGICAL INFORMATION

The product itself has not been tested, but the following results have been associated with some of its constituents:

This product has NOT been tested on animals to obtain ecological toxicology data. Ecological toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.

CHEMICAL FATE: Biodegradability not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

RCRA HAZARD CLASS: Not regulated

SECTION 14 – TRANSPORT INFORMATION

Please be aware of carrier transport variations before shipping hazardous materials.

[USDOT]

In Consumer Packaging: Not Regulated for transport"

OTHER THAN CONSUMER PACKAGING:

ID NUMBER:
 PROPER SHIPPING NAME:
 TECHNICAL NAME:
 HAZARD CLASS:
 PACKING GROUP:
 LABELING:

[ICAO]

In Consumer Packaging: Not Regulated for transport

ID NUMBER:
 PROPER SHIPPING NAME:
 TECHNICAL NAME:
 HAZARD CLASS:
 PACKING GROUP:
 LABELING:

OTHER THAN CONSUMER PACKAGING: Not Regulated for transport

ID NUMBER:
 PROPER SHIPPING NAME:
 TECHNICAL NAME:
 HAZARD CLASS:
 PACKING GROUP:
 LABELING:

SECTION 15 – REGULATORY INFORMATION

<p>[WHMIS Classification] EXCLUDED as Cosmetic</p>	<p>CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT) CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4): No RQ</p>
<p>SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A): Not listed</p> <p>SECTION 311 HAZARD CATEGORIES (40 CFR 370): Immediate (Acute) Health Hazard</p> <p>SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000lbs; however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.: None</p> <p>SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372): Not listed</p>	<p>TSCA (TOXIC SUBSTANCE CONTROL ACT) TSCA INVENTORY STATUS (40 CFR 710): This product is not required to be listed under TSCA. However, the ingredients of this product are listed on the TSCA inventory.</p> <p>RCRA (Resource Conservation and Recovery Act) Not listed; Waste material should be handle appropriately according Local, State, and Federal laws.</p>
<p>California Proposition 65: This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.</p>	
<p>International Inventories Component(s) of the product are on the following Inventory lists: TSCA, Australia (AICS), Canada (DSI), China, Europe (EINECS/ELINCS), Japan, Korea (ECI), and Philippines (PICCS)</p>	
<p>GHS Acute oral toxicity LD50 (mg/kg): While this product has not been tested on animals, the calculated ATE LD50 (mg/kg) for the product is 1,471.</p>	
<p>ANSI 129.1 (USA) – Harmful OSHA HCS (USA) – Non-Toxic EPA (USA) – Toxic Category III CPSC (USA) – Non-Toxic DOT (USA) – Packing Group III NFPA (USA) – Hazard Category 1 HMIS (USA) – Toxicity Rating 1</p>	<p>EU – Harmful WHMIS (Canada) – Non-Toxic Australia – Harmful Mexico – Mildly Toxic Malaysia – Not Harmful Japan – Powerful Korea - Harmful</p>

SECTION 16 – OTHER INFORMATION

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bright International Corporation to be dependable and is accurate to the best of the Company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.


This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Bright International Corporation assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.

SAFETY DATA SHEET — 16 Sections

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	John Paul Mitchell Systems Blue Oil Lightener System - Blue Powder Activator		[WHMIS Classification] Excluded
Product Use	Personal Care/Use - Cosmetic - Hair Bleach		Revision 1.3
Manufacturer's Name	Bright International Corporation		
Street Address	1301 West Industrial Drive (P.O. Box 6)		
City	Coolidge	State	Arizona
Postal Code	85128	Emergency Telephone	520.723.8001/ (Chemtrec) 800-424-9300
Date SDS Prepared	02/5/2018	SDS Prepared By	Stacey J. LeBlanc
		Phone Number	520.316.7628

SECTION 2 – HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
[Emergency Overview]	This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.				
[WHMIS Symbols]	NA		Classification: Oxidizer Class 1 Acute Toxicity 4; Skin Irritation 2; Eye Irritation 2A Signal Word: Danger		
[Potential Health Effects]	<p>Eye Contact: CAUTION. Eye irritant. May cause severe irritation and possible permanent eye injury (Category 2).</p> <p>Skin Contact: May induce irritation or allergic skin reaction in sensitized individuals (Category 2).</p> <p>Inhalation: Respiratory tract irritant. May cause asthmatic attack in sensitive individuals.</p> <p>Ingestion: Moderately toxic (Category 4).</p>				
	<ul style="list-style-type: none"> Irritant (skin and eye) Acute Toxicity (harmful) Respiratory Tract Irritant 		<ul style="list-style-type: none"> Oxidizers Respiratory Tract Irritant 		
Precautionary Statement:	<p>P102: Keep out of reach of children</p> <p>P103: Read label before use</p> <p>P232: Protect from moisture</p> <p>P233: Keep container tightly closed</p> <p>P234: Keep only in original container</p>				
Response Precautionary Statement	<p>P301+310+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting; Immediately call a POISON CENTER or doctor/physician</p> <p>P302+P313+P333+352: IF ON SKIN: Wash with soap and water; If skin irritation or a rash occurs, get medical advice/attention</p> <p>P304+P313+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if breathing difficulty continues.</p> <p>P305+P313+P337+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, get medical advice/attention</p>				
Storage Precautionary Statement	<p>P261: Avoid breathing dust/fume/gas/mist/vapours/spray</p> <p>P262: Do not get in eyes, on skin, or on clothing</p> <p>P264: Wash hands thoroughly after handling</p> <p>P270: Do not eat, drink or smoke when using this product</p> <p>P281: Use personal protective equipment as required</p> <p>P402+404: Store in a dry place. Store in a closed container</p> <p>P403+233: Store in a well ventilated place. Keep container tightly closed</p>				

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ of Ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Potassium Persulfate	36 - 44	7727-21-1	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.
Sodium Silicate	34 – 42	1344-09-8		
Ammonium Sulfate	8 - 12	7783-20-2		
Sodium Persulfate	4 - 9	7775-27-1		
Silica	1 – 3	112945-52-5		
INCI Ingredient List:: Potassium Persulfate, Sodium Silicate, Ammonium Sulfate, Sodium Persulfate, Silica, Disodium EDTA, Sodium Lauryl Sulfate, Ultramarines/C177007				

SECTION 4 – FIRST AID MEASURES

Skin Contact: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.
Eye Contact: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.
Inhalation: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, contact a medical doctor.
Ingestion: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting unless advised by physician. Never give anything by mouth to an unconscious person. See a medical doctor immediately.
NOTES TO MEDICAL DOCTOR: This product has moderate oral toxicity and is minimally irritating to the eyes. Flooding of exposed areas with water is suggested, but gastric lavage or emesis induction for ingestions must consider the possible aggravation of esophageal injury and the expected absence of systemic effects. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction: Deluge with Water only		
Flashpoint (°C) and Method: NA	Upper Flammable Limit: Non-Combustible (% by volume):	Lower Flammable Limit: Non-Combustible (% by volume):
Autoignition Temperature (°C)	Explosion Data: Not Available — Sensitivity to Impact:	Explosion Data: Not Available — Sensitivity to Static Discharge
Hazardous Combustion Products: Oxygen that supports combustion and oxides of sulfur and nitrogen; Hydrogen		
Fire Fighting Procedures/Equipment: Do not use carbon dioxide or other gas filled fire extinguishers; they will have no effect on decomposing persulfates. Wear full protective clothing and self-contained breathing apparatus.		
[NFPA]: Health 1; Flammability 0; Reactivity 1; Special OX		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Spilled material should be collected and put in approved DOT container and isolated for disposal. Isolated material should be monitored for signs of decomposition (fuming/smoking). If spilled material is wet, dissolve with large quantity of water and dispose. All disposals should be carried out according to regulatory agencies procedures.

Personal Protection:
Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots, NIOSH-approved dust respirator where dust occurs. See section 8.

Small Spill Cleanup:
Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust Use appropriate Personal Protective Equipment (PPE). See section 8.

Large Spill Cleanup
Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). See section 8. In case of contact with water, prevent runoff from entering into storm sewers and ditches, which lead to natural waterways. Neutralize contaminated area and flush with large quantities of water. Comply with applicable environmental regulations.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Use only with adequate ventilation and avoid inhalation. Avoid contact with eyes and skin (other than areas of application). Do not inhale or ingest. Prepare and use in a well-ventilated area. Use adequate ventilation when transferring product from bags or drums. Wear respiratory protection if ventilation is inadequate or not available. Use eye and skin protection. Use clean plastic or stainless steel scoops only.

Storage Requirements: Store (unopened) in a cool, clean, dry place away from point sources of heat, e.g. radiant heaters or steam pipes. Use first in, first out storage system. Avoid contamination of opened product. Do not store with or near fuels, solvents or other organic materials. Avoid heat, moisture and reducing agents. In case of fire or decomposition (fuming/smoking) deluge with plenty of water to control decomposition.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits ACGIH TLV 0.1 mg/m³ (Potassium Persulfate) OSHA PEL Not Established Other (specify) 15 mg/m³ Total Dust

Specific Engineering Controls (such as ventilation, enclosed process): None required for product use. For handling large quantities of material, such as in the manufacturing of product, ventilation should be utilized. Local exhaust ventilation is not typically required for product use. For handling large quantities of material, such as in the manufacturing of product -- Local Exhaust: Explosion proof. Mechanical (general): Explosion proof.

Personal Protective Equipment Gloves Respirator Eye Footwear Clothing Other
If checked, please specify type

Plastic or rubber gloves should be worn during product application and preparation. Safety glasses should be considered to protect from eye irritation. Apron may be used for product handling. Ensure all work surfaces are clean. Metal instruments should not be used with this product or stored inside product containers.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid	Odor and Appearance : Moist, Blue Powder with bland odor	Odor Threshold (ppm) : Not Determined
Specific Gravity: >1 (water = 1)	Vapor Density (air = 1) : NA	Vapor Pressure (mmHg) : NA
Evaporation Rate: NA	Boiling Point (°C) : NA	Freezing Point (°C) : NA
pH : (1% aqueous) 10.5 su – 11.5 su	Coefficient of Water/Oil Distribution : NA	[Solubility in Water] : >100 g/L (dispersible)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, under which conditions?	
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, which ones?	Acids, alkalis, halides (fluorides, chlorides, bromides and iodides), combustible materials, most metals and heavy metals, oxidizable materials, other oxidizers, reducing agents, cleaners, and organic or carbon containing compounds.
Conditions to Avoid:	Heat, moisture and contamination.
Hazardous Decomposition Products	Oxygen that supports combustion and oxides of sulfur and nitrogen; Hydrogen

SECTION 11 – TOXICOLOGICAL INFORMATION

No toxicological testing has been performed on this product. Information in this section is based on toxicology of individual components.

Effects of Acute Exposure

Irritation of eyes, skin and mucous membranes. Possible irritant/allergic dermatitis and respiratory signs and symptoms, the onset of which may be delayed.

Effects of Chronic Exposure

Possible allergic dermatitis. Possible respiratory sensitization could occur.

Irritancy of Product: Product is known to be a moderate irritant

Skin Sensitization: Can cause irritation and possible dermatitis. Can exacerbate dermatological issues such as eczema.

Respiratory Sensitization: Irritant and can exacerbate bronchitis and bronchial asthma

Carcinogenicity — IARC: No components recognized as carcinogenic

Carcinogenicity — ACGIH: No components recognized as carcinogenic

Reproductive Toxicity: No components recognized as being reproductive toxin

Teratogenicity: No components recognized as being teratogen

Embryotoxicity: No components listed as causing birth defects

Mutagenicity: No components recognized as being mutagen

Note: This product has NOT been tested on animals to obtain toxicology data. However, based on available scientific data, the calculated ATE LD₅₀ for product is 1,351 mg/kg based on individual chemical acute toxicity data

SECTION 12 – ECOLOGICAL INFORMATION

The product itself has not been tested, but the following results have been associated with some of its constituents:

This product has NOT been tested on animals to obtain ecological toxicology data. Ecological toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.

CHEMICAL FATE: Biodegradability does not apply to inorganic substances.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal : Hair bleaching products are ignitable RCRA hazardous wastes when intended for disposal. Physical and/or chemical deactivation/degradation is the required method of treatment and disposal.

RCRA HAZARD CLASS: D001

Follow all local governmental requirements intended for disposal.

SECTION 14 – TRANSPORT INFORMATION

Please be aware of carrier transport variations before shipping hazardous materials.

[USDOT]

In Consumer Packaging: ORM-D; Consumer Commodity or Limited Quantity

LABELING: ORM-D Label or Black and White square on point without "Y"

OTHER THAN CONSUMER PACKAGING:

ID NUMBER: UN 1479

PROPER SHIPPING NAME: Oxidizing solid, n.o.s.

TECHNICAL NAME: (Potassium Persulfate, and Sodium Persulfate)

HAZARD CLASS: 5.1

PACKING GROUP: III

LABELING: Yellow 5.1 Oxidizer Label

[ICAO]

In Consumer Packaging: Limited quantity (maximum net quantity per package) <10 kg

ID NUMBER: UN 1479

PROPER SHIPPING NAME: Oxidizing solid, n.o.s.

TECHNICAL NAME: (Potassium Persulfate, and Sodium Persulfate)

HAZARD CLASS: 5.1

PACKING GROUP: III

LABELING: Black and White square on point with "Y" in center

OTHER THAN CONSUMER PACKAGING: <25 kg (passenger) or <100 kg (cargo)

ID NUMBER: UN 1479

PROPER SHIPPING NAME: Oxidizing solid, n.o.s.


TECHNICAL NAME: (Potassium Persulfate, and Sodium Persulfate)

HAZARD CLASS: 5.1

PACKING GROUP: III

LABELING: Yellow 5.1 Oxidizer Label

SECTION 15 – REGULATORY INFORMATION

<p>[WHMIS Classification] EXCLUDED as Cosmetic</p>	<p>CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT) CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4): Unlisted, RQ 100 lbs., Ignitability</p>
<p>SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A): Not listed</p> <p>SECTION 311 HAZARD CATEGORIES (40 CFR 370): Fire Hazard, Immediate (Acute) Health Hazard</p> <p>SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000lbs; however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.: None</p> <p>SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372): Not listed</p>	<p>TSCA (TOXIC SUBSTANCE CONTROL ACT) TSCA INVENTORY STATUS (40 CFR 710): This product is not required to be listed under TSCA. However, the ingredients of this product are listed on the TSCA inventory.</p> <p>RCRA (Resource Conservation and Recovery Act) Unused material would be classified as an Ignitable Waste (D001) and should be handle appropriately according Local, State, and Federal laws.</p>
<p>Canada: While mixture has not been tested, due to the components within this product, it is considered a Class C Oxidizing Material under the Controlled Products Regulations. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.</p> <div style="display: flex; align-items: center;">  <p>Class C Oxidizing Material</p> </div>	
<p>California Proposition 65: This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.</p>	
<p>International Inventories Component(s) of the product are on the following Inventory lists: TSCA, Australia (AICS), Canada (DSI), China, Europe (EINECS/ELINCS), Japan, Korea (ECI), and Philippines (PICCS)</p>	
<p>GHS Acute oral toxicity LD₅₀ (mg/kg): While this product has not been tested on animals, the calculated ATE LD₅₀ (mg/kg) for the product is 1,351</p>	
<p>ANSI 129.1 (USA) – Harmful OSHA HCS (USA) – Non-Toxic EPA (USA) – Toxic Category III CPSC (USA) – Non-Toxic DOT (USA) – Packing Group III NFPA (USA) – Hazard Category 1 HMIS (USA) – Toxicity Rating 1</p>	<p>EU – Harmful WHMIS (Canada) – Non-Toxic Australia – Harmful Mexico – Mildly Toxic Malaysia – Not Harmful Japan – Powerful Korea - Harmful</p>

SECTION 16 – OTHER INFORMATION

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bright International Corporation to be dependable and is accurate to the best of the Company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Bright International Corporation assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.