


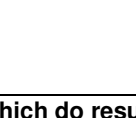



SECTION 1: IDENTIFICATION

GHS product identifier	Keratin Complex® It's a Blonde Thing® Keratin Lightening System®	
Other means of identification	None	
Recommended use of the product and restrictions on use	Hair Care/Treatment: FOR USE BY CERTIFIED PROFESSIONALS ONLY	
Supplier's details	Developed for and Distributed by: KERATIN COMPLEX, Boca Raton, Florida (U.S.A.), Tel: (561) 206-6050, www.keratincomplex.com	Authorized Joint Holder of EU PIF: Bruce Green Ltd. Northampton, NN6 7PD
Emergency phone number:	For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300	

SECTION 2: HAZARD(S) IDENTIFICATION

Classification		Oxidizing solids	Category 3
		Acute toxicity (Oral)	Category 4
		Skin corrosion/irritation	Category 2
		Respiratory Sensitization	Category 1
		Skin Sensitization	Category 1
		Specific target organ toxicity - Single exposure	Category 3 (Respiratory tract irritation)
		Serious eye damage/eye irritation	Category 2B
GHS label elements, including Precautionary Statements		HEALTH STATEMENT	
		Warning	May intensify fire; oxidizer. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation (respiratory tract irritation). Causes eye irritation.
		Danger	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
		Harmful to aquatic life	
		PRECAUTIONARY STATEMENTS	
		<i>Prevention</i>	
		Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep/store away from clothing and other combustible materials. Wear suitable protective gloves, apron and eye protection. Wash hands and exposed skin areas with soap and warm water thoroughly after. Do not eat, drink or smoke when using this product. Avoid breathing dust/fumes. In case of inadequate ventilation wear respiratory protection. Use only in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace.	
		<i>Response</i>	
		IN CASE OF FIRE:	Use an extinguishing agent suitable for the surrounding fire.
		IF SWALLOWED:	Rinse mouth. Call a POISON CENTER/ doctor if you feel unwell.
		IF ON SKIN:	Wash with soap and water. Take off contaminated clothing and wash it before reuse.
		IF INHALED:	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Specific treatment (see Section 4).
		IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists: Get medical attention.
		<i>Storage</i>	
		See Sections 7 and 10 of this SDS	
<i>Disposal</i>			
Dispose of contents/container in accordance with all federal, state and local applicable regulations.			
Other hazards which do result in classification		Not available	

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components Chemical Identity (IUPAC)	Identification Number (CAS Number)	Other Unique Identifier (EC Number)	Concentration Range (%w/w)
Potassium Persulfate	7727-21-1	231-781-8	30 - 40
Ammonium Persulfate	7727-54-0	231-786-5	10 - 20
Sodium Silicate	1344-09-8	215-687-4	10 - 20

SECTION 4: FIRST-AID MEASURES

Description of necessary First-Aid measures	Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Give oxygen as necessary and get medical attention.
	Skin:	Wash the contaminated skin gently and thoroughly with running water and non-abrasive soap. If skin irritation or rash occurs: Get medical advice/attention.
	Eye contact:	Immediately rinse cautiously with water for several minutes keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.
	Ingestion:	Immediately call a Poison Center. Rinse mouth. Do not induce vomiting. Seek medical attention immediately.
	<i>General Advice:</i> If you have significant concerns please consult a physician, show this data sheet to the doctor in attendance.	
Most important symptoms/effects	Acute:	Overexposure if direct contact with eyes may causes severe damage, redness, itching and watering. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, dermatitis) in some sensitive individuals.
	Delayed:	Not available
Indication of immediate medical attention and special treatment needed if necessary	Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Specific Treatments:	Not available
	Protect of first-aiders:	Use protective equipment (Section 8)

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:	CO2, Halon (if permitted), Dry Chemical, Foam, as authorized. Water and/or foam – typically a Class A or Class B extinguisher should be sufficient for the product. However, selection of a fire extinguisher should also be appropriate to address the location of the fire and equipment involved. Flood with water and use water spray to cool fire-exposed containers and structures.	
Unsuitable extinguishing media:	Not available	
Specific hazards arising from the product combustion:	Oxidizing liquid; may intensify fire. If heated, a pressure increase will occur and the container may burst.	
Hazardous thermal decomposition products:	May produce toxic fumes of carbon monoxide if burning.	
Special protective precautions and equipment for fire-fighters:	Protective precautions:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	Protective equipment:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	For non-emergency personnel:	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. Put on appropriate personal equipment.
	For emergency responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental Precautions	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).	
Methods and materials for containment and cleaning up	For Small Spills <i>e.g., < 1 gallon (3.8L)</i>	Wear appropriate personal protective equipment (e.g., safety glasses, apron, and nitrile gloves). Maximize ventilation (open doors and windows) Removed spilled material with non-combustible absorbent material and place it into appropriate closed container(s) for disposal. Dispose in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
	For Large Spills <i>e.g., > 1 gallon (3.8L)</i>	Deny area access to all unprotected individuals. Provide diking and contain with non-combustible inert material (e.g., sand or earth) to keep material from spreading. Transfer diked material to containers for recovery or disposal and solid diking material to separate containers for proper disposal according to local regulations (see Section 13). Remove contaminated clothing promptly and wash affected skin areas with mild soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SECTION 7: HANDLING AND STORAGE

FOR USE BY CERTIFIED PROFESSIONALS ONLY		
Precautions for safe handling	Protective measures:	Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin and clothing. Keep this material away from heat, sparks and open flame.
	Advice on general occupational hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in a well-ventilated place. Keep container tightly closed, away from incompatible materials and food and drink (see Section 10).	

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters	Chemical Identity (IUPAC)	Occupational Exposure Limit		Source
	Potassium Persulfate	Threshold Limit Value (TLV) 0.1 mg/m ³ as S ₂ O ₈		ACGIH
	Ammonium Persulfate	Threshold Limit Value (TLV) 0.1 mg/m ³ as S ₂ O ₈		ACGIH
Appropriate Engineering Controls	Good general ventilation should be sufficient to control exposure to airborne contaminants. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.			
Personal Protective Equipment (PPE)	Eye and face protection:	Wear safety glasses (optional)		
	Skin protection:	Hand protection:	Wear suitable gloves	
		Other:	Wear suitable protective clothing. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling the product.	
	Respiratory protection:	Not relevant.		
	Thermal hazards:	Not relevant		
Environmental Exposure Controls	Emissions from local exhaust equipment should be checked to ensure they comply with any applicable requirements of the environmental protection legislation.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid (powder)
Color	Blue
Odor	Odorless
Melting point/freezing point	Not available
Boiling point	Not available
Flammability	Not available
Lower and upper explosion limit/flammability limit	Not relevant
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH at 25°C	9.0 – 11.5
Viscosity at 25°C	Not available
Solubility	4.7 g in 100 mL of water
Partition coefficient: n-octanol/water (log value)	Not available
Vapor pressure	Not available
Relative density	< 0.5
Relative vapor density	Not available
Particle characteristics	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical Stability	Product is stable under normal ambient storage conditions of temperature and pressure. No hazardous reaction when handle and stored according to Section 7.
Possibility of Hazardous Reactions	Risk of intensifying a fire may occur if product comes to contact with combustible materials.
Conditions to Avoid	Direct sunlight, excessive heat or ignition source. Keep in a cool place. Do not burn or freeze.
Incompatible materials	Reducing agents, metal and combustible materials.
Hazardous decomposition products	Under normal conditions of storage use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological effects:	Acute toxicity:		Harmful if swallowed.
	Skin corrosion/ Irritation:		Causes skin irritation.
	Serious eye damage/irritation:		Causes serious eye irritation.
	Respiratory or skin sensitization:		Not available.
	Germ cell mutagenicity:		Not available
	Carcinogenicity:		Not available
	Reproductive toxicity:		Not available
	Specific target organ toxicity (single exposure):		Not available
	Specific target organ toxicity (repeated exposure):		Not available
Information on the likely routes of exposure	Aspiration hazard:		Not available
	Skin exposure:		Moderate irritation to skin near affected areas.
Symptoms related to the Physical, Chemical and Toxicological Characteristics	Eye exposure:		This product causes serious eye irritation.
	Skin contact:	Can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure; moderate irritation to skin near affected areas may occur; may aggravate any pre-existing skin condition (e.g., dermatitis).	
	Eye contact:	Adverse symptoms may include the following: pain or irritation, watering, redness.	
	Inhalation:	Not available	
Delayed and immediate effects and also chronic effects from Short and Long Term Exposure	Ingestion:		Not available
	Not available		
Numerical measures of Toxicity	Not available		

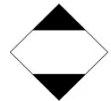


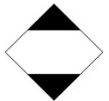


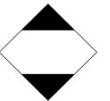


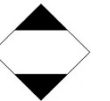


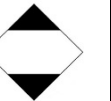


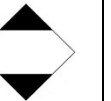

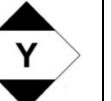
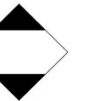


SECTION 12: ECOLOGICAL INFORMATION

Toxicity	Not available
Persistence and Degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Other Adverse Effects	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	Dispose 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. Care should be taken when handling emptied containers that have not been cleaned or rinse out. Dispose according to Federal, State, and local regulations regarding health, air, and water pollution.
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SECTION 14: TRANSPORT INFORMATION

	49 CFR (GND)	TDG (Canada GND)	SCT (Mexico)	ADGR (AUS)	ADR/RID (EU)	IMDG (OCN)	IATA (AIR)
Un Number	UN1479	UN1479	UN1479	UN1479	UN1479	UN1479	UN1479
Proper Shipping Name	Potassium Persulfate	Potassium Persulfate	Persulfato de Ammonia	Potassium Persulfate	Potassium Persulfate	Potassium Persulfate	Potassium Persulfate
Transport Hazard Class	  	  	  	  	  	  	  
Packing Group	III	III	III	III	III	III	III
LTD QTY	IP VOL ≤ 5.0 kg Consumer Commodity, ORM-D – Until 01/01/2021	IP VOL ≤ 1.0 kg	IP VOL ≤ 5.0 kg	IP VOL ≤ 5.0 kg “Limited Quantity” or “Quantité Limitée” or “Ltd Qty” or “Quant Ltée” (Ip Vol ≤ 5.0 kg)	IP VOL ≤ 5.0 kg	IP VOL ≤ 5.0 kg Cantidad Limitada, Ip Vol ≤ 5.0 kg	IP VOL ≤ 5.0 kg
Environmental Hazards	Not available						
Special Precautions	Do not heat or freeze: (Best-suggested environmental conditions for transport: 25°C ± 2° Celsius and 60% ± Relative Humidity)						

SECTION 15: REGULATORY INFORMATION

<p>Safety, Health and Environmental Regulations specific for the product in question</p>	<p>Regulated as a Cosmetic under FDA (US), HPB (Canada), Cosmetic Regulation (EU)</p>
	<p style="text-align: center;">UNITED STATES OF AMERICA:</p> <p><i>Federal</i> All of the ingredients in the formulation are compliant with the Federal Food, Drug, and Cosmetics Act (FDA) and this product is safe to be used by professional hair dressers previously trained and certified to use this product.</p> <p><i>California</i> This product is not subject to warning labeling under California Proposition 65</p>
	<p style="text-align: center;">CANADA:</p> <p style="text-align: center;">All ingredients are CEPA approved for import to Canada.</p>
	<p style="text-align: center;">EUROPE:</p> <p style="text-align: center;">All of the ingredients in the formulation are compliant with European Commission Health and Consumers Cosmetics - CosIng current Regulations/Directives</p>
	<p style="text-align: center;">AUSTRALIA:</p> <p style="text-align: center;">All of the ingredients where evaluated in part under HSIS.</p>

SECTION 16: OTHER INFORMATION

Date of preparation of the SDS	
April 15, 2019	
Key/legend to abbreviations and acronyms used in the SDS.	
ACGIH	American Conference of Governmental Industrial Hygienist
ADR	The European Agreement concerning the International Carriage of Dangerous Goods by Road
°C	Degrees Celsius
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
CFR	Code of Federal Regulations
Cps	Centipoises
EC	European Community
EEC	European Economic Community
e.g.	Meaning "for example." It is short for the Latin <i>exempli gratia</i> , "for the sake of example."
FDA	Food and Drug Administration
GHS	Globally Harmonized System
HPB	Health Protection Branch
HSIS	Hazardous Substances Information System
IATA	International Air Traffic Association
IUPAC	International Union of Pure and Applied Chemistry
IMDG	International Maritime Dangerous Goods
mg/m ³	Milligrams per cubic meter
OSHA	Occupation Safety & Health Administration
PEL	Permissible Exposure Limit
PIF	Product Information File
Ppm	Parts Per Million
Ref	Reference
Vol.	Volume
TWA	Time Weighted Average
UN	United Nations
Literature references.	
<ul style="list-style-type: none"> Globally Harmonized System of Classification and Labeling of Chemicals (GHS), Seventh revised edition, United Nations, New York and Geneva, 2017 ST/SG/AC.10/30/Rev.7 	
Sources for data	
<ul style="list-style-type: none"> European Commission Database For Information On Cosmetics Substances And Ingredients (CosIng) United States Of America's National Library Of Medicine's Toxicology Data Network (TOXNET) The European Agreement Concerning The International Carriage Of Dangerous Goods By Road, United Nations, New York And Geneva, 2016, ECE/TRANS/257(ADR) Safe Work Australia, Hazardous Substances Information System (HSIS) International Air Transport Association, Dangerous Goods Regulations (IATA) The National Institute for Occupational Safety and Health (NIOSH) – website address: https://cdc.gov/niosh Haz-Map® Occupational Health Database, U.S. National Library of Medicine. Information on Hazardous Chemicals and Occupational Diseases by Jay A. Brown, M.D., M.P.H. - website address: https://hazmap.nlm.nih.gov 	

GHS Pictograms



GHS01
Explosive



GHS02
Flammable



GHS03
Oxidizer



GHS04
Pressurized



GHS05
Corrosive



GHS06
Toxic



GHS07
Harmful Irritating



GHS08
Health Hazard



GHS09
Environment

Precautionary pictograms From European Union
(COUNCIL DIRECTIVE 92/58/EEC of 24 June 1992)



Eye protection



Respiratory equipment



Face protection



Safety overalls



Safety boots

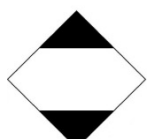


Safety gloves

ADR, Annex A General provisions and provisions concerning dangerous substances and articles; Classification; Class Specific Provisions



Class 5.1 HAZARD
Oxidizing Substances



Limited Quantities
Except For Air Transport



Limit Quantities by Air

Declaration

Keratin Complex believes that the information contained in this SDS is correct as of its last revision date (same as listed above). However, because conditions and usage methods of our products are beyond Keratin Complex control, of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this product to ensure that is properly and safely used. This SDS does not replace any other document, such as instructional leaflets or inserts. Under no circumstances does it constitute an exemption from the obligation to know and apply all the regulations governing its activity. This SDS replaces all previous versions of this product's SDS.

End SDS.