



LiteWorx Lightener Safety Data Sheet

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product name: LiteWorx Lightener

Synonyms: Hair bleach powder

CAS No: Not applicable to mixtures

Molecular Weight: Not applicable to mixtures

Emergency Contact: Chemtrec 1-800-424-9300

Outside the US: 703-527-3887

Product Use: to bleach hair

Restrictions: N/E

Chemical Formula: Not applicable to mixtures

Product Codes: N/A

Manufacturer: Tressa, Inc.

P.O. 75320

Cincinnati, OH 45275

1-800-879-8737

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: OXIDIZER. Harmful if swallowed. Irritant to eyes and skin

Potential Health Effects

Eyes	Causes irritation, redness, and pain. Can cause permanent eye injury.
Skin	This product may cause irritation to the skin
Inhalation	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath
Ingestion	Seek medical attention. Moderately toxic.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS</u>
Ammonium Persulfate	7727-54-0
Potassium Persulfate	7727-21-1
Sodium Persulfate	7775-27-1
Silica	7631-86-9

SECTION 4: FIRST AID MEASURES

First Aid Procedures:	Some people may experience an allergic reaction to one or more of the components. Immediately rinse any splashes on the skin & clothing
Eye Contact	Immediately flush eyes with a steady, gently stream of water for at least 15 minutes. If irritation persists get medical attention
Skin Contact	Flush with soap & water. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Wash clothing separately before reuse.
Inhalation	If respiratory irritation or distress occurs remove victim to fresh air. Get medical attention if respiratory irritation or distress continues.
Ingestion	Seek medical attention. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media	Use water spray to blanket fire, cool fire exposed containers, and flush non-ignited spills or vapors away from the fire. Do not allow water runoff to enter sewers or waterways.
Suitable extinguishing media	water, CO ₂ , foam, water fog, ABC all purpose extinguisher
Special hazards in fire	Not combustible, but substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition. Contact with oxidizable substances may cause extremely violent combustion. Decomposes with liberation of oxygen which may intensify surrounding fire conditions. Burning may cause toxic fumes.



Protection of firefighters

Protective equipment

As in any fire, wear NIOSH/MSHA approved (or equivalent) self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear appropriate protective gear for the situation. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate spaces before entering and avoid prolonged inhalation of dust

Cleanup and Disposal of Spill:

Remove all sources of ignition. Spilled material should be collected and put in approved DOT container and isolated for disposal. Isolation materials should be monitored for signs of decomposition (fuming/smoking). If spilled material is wet, dissolve with a large quantity of water and dispose as a hazardous waste. All disposals should be carried out according to regulatory agencies procedure. Pick up spill for recovery or disposal and place in a closed container.

Environmental precautions:

Prevent material from entering waterways and sewers.

SECTION 7: HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Do not eat, drink, or smoke while handling the product. Wear appropriate hand & eye protection. Use care to minimize dust generation in air.

Storage

Keep out of reach of children. Store in cool dry area, away from sources of heat and/or ignition. Keep in a tightly closed container. Protect against physical damage. Isolate from incompatible substances: organic or other readily oxidizable materials. Avoid storage on wooden floors.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Good general ventilation is recommended.

General Remarks

Safety procedures should be developed for intended application.

Eye/Face protection

Eye protection with side shields.

Skin protection

Wear chemically resistant protective gloves.

Respiratory protection

None required. Use NIOSH/MSHA approved dust mask if dust levels are irritating.

Work Practice

Personal hygiene is an important work practice exposure control measure.

Occupational Exposure

Maximum occupational exposure limit will not be reached under normal conditions of use.

OSHA Permissible

Exposure Level (PEL):

	ACGIH	OSHA
Ammonium Persulfate	0.1 mg/m ³ (TWA)	Not Established
Potassium Persulfate	0.1 mg/m ³ (TWA)	Not Established

SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

RELATIVE DENSITY: N/A

MELTING POINT: N/A

EVAPORATION RATE: N/A

SOLUBILITY: Insoluble, some dispersibility

pH (1%): N/A

APPEARANCE AND ODOR: white to off-white powder with bleach odor



SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Unstable. Gradually decomposes losing oxygen. Decomposes more rapidly at higher temperatures. Metals other than stainless steel are apt to cause decomposition of persulfate solutions. Generates heat when mixed with acid.
Incompatible Materials	May react with ammonium salt solutions resulting in evolution of ammonia gas. Moisture, combustible material, heat, flame, ignition sources, shock, friction, powdered metals, phosphorus, hydrides, organic matter, halogens, acids, alkalis, and incompatibles.
Hazardous Decomposition	Decomposed by moisture to form oxygen and ozone. Burning may produce nitrogen oxides, sulfur oxides, and sulfuric acid.

SECTION 11: TOXICOLOGICAL INFORMATION

Excessive exposure may affect human health as follows:

Skin:	Irritant
Eye:	Irritant
Inhalation:	Irritant
Ingestions:	Treat symptomatically and supportively. Seek medical attention.
Medical conditions:	Some individuals may experience allergic reaction to cosmetic product
Exposure Signs/ Symptoms:	In sensitive individuals, irritation and dermatitis may develop

SECTION 12: ECOLOGICAL INFORMATION

No data found for product

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state, and federal regulations. Regulations vary.

SECTION 14: TRANSPORT INFORMATION

US DOT 49 CFR	Consumer Commodity, ORM-D
IATA Classification	Oxidizing Solid, NOS, Class 5.1, UN 1479, Packing Group No. III, Limited Quantities
Water (IMO) Classification	Oxidizing Solid, NOS, Class 5.1, UN 1479, Packing Group No. III, Limited Quantities

SECTION 15: REGULATORY INFORMATION

Hazard Symbols		
	Harmful, irritant	Oxidizer

US Federal Regulations: All functional components of this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances

R Phrases	R22	Harmful if swallowed
	R36/38	Irritating to eyes and skin
	R43	May cause sensitization by skin contact
S Phrases	S20/21	When using do not eat, drink, or smoke
	S24/25	Avoid contact with skin and eyes



- S26 In case of contact with eyes, rinse immediately and seek medical advice
- S37 Wear suitable gloves

This product is regulated as a cosmetic product under EU Directive 76/768/EEC, and legislation in member states deriving from the directive.

As a cosmetic product, this material is exempt from UK's Chemical (Hazard Information and Packaging for Supply) Regulations (CHIP) regulations. The CHIP regulations are the UK implementation of EU 67/548/EEC ("the substances Directive"), 1999/45/EC ("the preparations Directive"), and 76/769/EEC 91/155/EEC ("the safety data sheets Directive")

SECTION 16: OTHER INFORMATION

When using this product follow the instructions and the safety precautions with it.

Date of preparation: September 6, 2018

Revisions: 3

Reason for Revision: Correct shipping information

Prepared by: Laura I. Temming

N/A: Not applicable

N/D: Not determined

N/E: Not established

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