



Material Safety Data Sheet

Section 01 – Product Identification

TIGI Linea, LP
1655 Waters Ridge Dr.
Lewisville, TX 75057
469 528-4300
800 259-8596

In case of medical emergencies, please contact your local poison control center.
Transportation Emergency Telephone: US & North America: 1800 424-9300
International: (703) 527-3887

Product Class: Hair Bleach Powder
Trade Name: **TIGI Colour Lights Modern Lightener**

Appearance: White to off white powder

Section 02 – Composition

This sample contains the following hazardous ingredients:

INCI	Range	CAS	EINECS	Classification	R/S Phrases
Ammonium Persulfate	15-25%	7727-54-0	NA	NA	NA
Potassium Persulfate	40-55%	7727-21-1	231-781-8	Xi, Xn, O	R8/22/36/37/38/42/43
Silicon Dioxide	1-5%	7631-86-9	NA	NA	S24/25
Sodium Silicate	7-15%	1344-09-8	NA	NA	NA
Sodium Lauryl Sulfate	1-5%	151-21-3	NA	NA	NA
Sodium Metasilicate	5-10%	6834-92-0	NA	NA	NA
Xanthan Gum	1-5%	11138-66-2	NA	NA	NA
EDTA	1-5%	60-00-4	NA	NA	NA
Solanum Tuberosum Starch	5-10%	9005-25-8	NA	NA	NA
Ethylhexyl Pelargonate	1-5%	59587-44-9	NA	NA	NA

Section 03 – Physical Data

Vapor Pressure: Not Applicable
Relative Density: > 0.35
Boiling Point: Not Determined
Solubility: Soluble
Melting Point: Not Applicable
pH 1%: 9.5 – 10.5

Appearance: White to off white powder.

Odor: Fruity

Flash Point: Not Determined

Explosive Properties: Not determined

Section 04 – Fire Fighting Measures

Suitable extinguishing media: Use water spray to blanket fire, cool fire exposed containers, and to flush non-ignited spills or vapors away from fire. Do not allow water runoff to enter sewers or waterways.

Unsuitable extinguishing media: Water

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.

Required special protective equipment for fire-fighters: Self-contained breathing apparatus

Additional Information: Not determined

Section 05 – Reactivity and Stability Data

Conditions to avoid: 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. May react with ammonium salt solutions resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc.

Materials to avoid: Moisture, combustible material, heat, flame, ignition sources, shock, friction, powdered metals, phosphorus, hydrides, organic matter, halogens, acids, alkalis. and incompatibles.

Hazardous decomposition products: Decomposed by moisture to form oxygen and ozone. Burning may produce nitrogen oxides, sulfur oxides, and sulfuric acid

Section 06 –Hazard Information

Emergency Overview: DANGER! STRONG OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. IT IS HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE BURNS TO SKIN AND EYES. IT MAY CAUSE ALLERGIC SKIN OR RESPIRATORY REACTION. Highly concentrated levels may cause potential for dust explosion. Dust irritating to respiratory tract. Due to high pH of product, release into surface water is harmful to aquatic life. Noncombustible. Reacts with acids and some organics.

Route(s) of Entry:

Eyes: Causes irritation, redness, and pain. It May cause burns.

Inhalation: Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. High concentrations can cause pulmonary edema.

Ingestion: Do not induce vomiting

Skin: May cause irritation, burns

Signs and Symptoms of exposure: Irritation to eyes. It May cause skin irritation.

Chronic Effects: Not Determined

Most important hazards: Not Determined

Specific hazards: Not determined

Section 07 – First Aid Measures

General Information: Some individuals may experience an allergic reaction to one or more of the components. Immediately rinse any splashes on the skin and clothing.

Possible Exposures: Eyes, Skin, Accidental swallowing

Skin Contact: Wash with soap and water

Eye Contact: In case of accidental contact with the eye, wash out immediately with running water or eyewash solution; seek medical attention if irritation persists.

Ingestion: Treat symptomatically and supportively. Seek medical attention.

Inhalation: Remove to fresh air, if symptoms develop, seek medical advice

Effects of Over-exposure: Irritating to skin and mucous membranes of eyes and respiratory system.

Section 08 – Accidental Release Measures

Personal Precautions: Follow recommendations for protection, avoid prolonged inhalation of dust

Environmental Precautions: Do not allow water runoff to enter sewers or waterways.

Methods for Cleaning: Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

Waste Disposal Requirements: Properly dispose of waste according to local, state, and federal environmental regulations.

Personal Protective Equipment Required for Clean Up: Wear protective gloves and goggles when cleaning up large spills. Impermeable clothing is recommended, to avoid contact with skin and clothing.

Section 09 – Handling and Storage

Handling: Avoid contact with eyes.

Do not eat, drink or smoke while handling the product.

Wear appropriate hand and eye protection

Follow general recommendations for handling dusty products

Mechanical handling of the powder on inadequately grounded equipment can result in static electrical discharges. All handling equipment must be properly grounded.

Use care to minimize dust generation in air.

Storage: Keep out of reach of children. Store in a cool dry area.

Store in original containers away from sources of heat and/or ignition.

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Separate from combustibles, organic or other readily oxidizable materials. Avoid storage on wood floors. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Section 10 – Exposure Controls

Occupational exposure controls: The maximum occupational exposure limit will not be reached under normal conditions of use.

Engineering Measures: Good general ventilation is recommended.

OSHA Permissible: Not Applicable

Exposure Level (PEL):

Personal Protection Equipment: Glasses, gloves, dust mask

Respiratory: None required. Use NIOSH approved dust mask if dust levels are irritating

Eye Protection: Eye protection with side shields

Hand Protection: Wear chemically resistant protective gloves

Hygiene Measures: Generally hygiene practices for chemical products handling.

Section 11 – Toxicological Information

Excessive exposure may affect human health as follow:

Skin Contact: Irritant

Eye Contact: Irritant

Inhalation: Irritant

Ingestion: Treat symptomatically and supportively. Seek medical attention.

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Medical conditions generally aggravated by exposure: Some individuals may experience allergic reaction to cosmetic product.

Signs and symptoms of exposure: In sensitive individual, irritation and dermatitis may develop

Section 12 – Ecological Information

Not Determined

Section 13 – Disposal Considerations

Dispose of in accordance with Local, State and National waste disposal regulations. The bottle must be completely empty before disposal.

Section 14 – Transport Information




US DOT 49 CFR: Consumer Commodity, ORM-D

IATA Classification: Oxidizing Solid, N.O.S., Class 5.1, UN 1479, Packing Group No. III, Limited Quantities

Water (IMO) Classification: Oxidizing Solid, N.O.S., Class 5.1, UN 1479, Packing Group No. III, Limited Quantities

Section 15 – Regulatory Information

Hazard Symbols:

		
Xn Harmful	Xi Irritant	O Oxidizer

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

US Federal Regulations: TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

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

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As a cosmetic product, this material is exempt from UK's Chemicals (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 supplied with it.

DISCLAIMER: This MSDS 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 the manufacture 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. The Manufacture assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.

Prepared by: TIGI