



## 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 True Light Zero Dust Powder Lightener**

Appearance: Fine violet-blue powder

Physical Hazard Rating: Health: 1  
Flammability: 1  
Reactivity: 1

### Section 02 – Ingredients

This sample contains the following hazardous ingredients:

Ingredient:	CAS	%	OSHA PEL	ACGIH TLV
Ammonium Persulfate	7727-54-0	17.25	Not Determined	Not Determined
Potassium Persulfate	7727-21-1	36.99	Not Determined	Not Determined
Sodium Silicate	1344-09-8	20.00	Not Determined	Not Determined

### Section 03 – Physical Data

Vapor Pressure: Not Applicable  
Boiling Point: Not Applicable  
Vapor Density: Not Applicable  
Solubility in Water: Soluble  
Specific Gravity (Density): 0.69 g/cm<sup>3</sup>  
Melting Point: Not Applicable  
pH 1% Aqueous Solution: 9.5 – 10.5  
General Appearance: Fine, dedusted, violet-blue powder.  
Odor: Fruity

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**Section 04 – Fire & Explosion Hazard Data**

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Flash Point: Non-Flammable

Auto-Ignition temp.: Not determined for this material

Flammable Limits: Not Applicable

Lower Explosion Limits: Not Applicable

Upper Explosion Limits: Not Applicable

Extinguishing Media: Use copious amounts of water if fire is caused by reaction with reducing agents.

Special Fire Fighting Procedures: Avoid contact with heat or fire since product releases oxygen.

Unusual Fire and Explosion Hazard: Ammonia and fumes of Sulfuric Acid are released at temperatures of 347 °F (175 °C). If heated or burned, the powder releases Carbon Dioxide, Carbon Monoxide, Hydrogen Sulfide, Sulfur Dioxide, and dense smoke.

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**Section 05 – Reactivity Data**

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**Stability:** Product is stable.

**Conditions to Avoid:** Reducing agents such as finely divided metals, hydrogen, hydrides, aniline, etc., moisture, and heat.

**Incompatibility:** (Materials to Avoid): Easily oxidizable, materials, all combustibles, heavy metals (all metal mixing bowls, etc.).

**Hazardous Decomposition or by Products:** None to the best of our knowledge.

**Hazardous Polymerization:** Does not occur with this product.

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**Section 06 – Health and Hazard Information**

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**General:** Product is classified as a nuisance dust; however, higher concentrations in the air will produce sneezing and/or coughing in some individuals.

**Inhalation:** Avoid, and wear a dust mask if sensitive to air-borne particulate or fine dust-like materials.

**Ingestion:** Avoid, do not induce vomiting. Drink plenty of liquids and seek medical attention immediately.

**Skin:** Avoid contact with skin. If irritation occurs, wash area with mild soap and water. Dry skin well.

**Skin absorption:** Not Detected.

**Eye Contact:** Wear safety glasses or goggles.

In case of accidental contact with eyes, flush eyes with running water or physiological saline for at least 15 minutes. Make sure eyelids are kept open to ensure complete removal of powder. Call physician.

**Medical Conditions Generally Aggravated by Exposure:**

Acute and chronic health hazards from hair bleach are associated with mild to severe skin irritation (chronic dermatitis). Respiratory problems that may aggravate from prolonged exposure are allergies to airborne dust, asthma, coughing, etc. The eyes should be properly protected when product is in use. In case of accidental contact, immediately flood eyes with copious amounts of water for at least 15 minutes and seek medical attention.

**Signs and Symptoms of Exposures:**

Excessive inhalation of dust may result in shortness of breath and reduced pulmonary function.

**Carcinogenicity:** Not Applicable.

**NTP:** Not Applicable

**OSHA Regulated (29 CFR 1910.1200):** Not Applicable.

**IARC Monograph:** Not Applicable.

ACGIH:	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Total Nuisance Dust	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Respirable Nuisance Dust	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

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Section 07 – Spill or Leak Procedures

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**Ventilations Requirements:**

Open doors, windows, etc. to allow access to fresh air.

**Clean-Up Procedures:**

Do Not use water or any materials such as “SPEEDY DRY” when cleaning up powder. Vacuum or sweep into a closed plastic-lined container for reuse or disposal. Use care to avoid dust generation. Dispose of properly according to Local, State and Federal Environmental regulations for a Class 1 Oxidizer.

**Clean-Up Materials:**

Use push brooms or a vacuum system to remove powder. Avoid metal shovels or dustpans such as aluminum, etc.

**Waste Disposal Requirements:**

Dispose properly according to Local, State and Federal Environmental regulations for a Class 1 Oxidizer.

**Personal Protective Equipment Needed For Clean-Up:**

Wear protective gloves, NIOSH Approved dust mask, and eye goggle when cleaning up large spills of powder.

Additional protective clothing such as a disposable jump suit is optional.

Section 08 – Special Protection Information

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**Ventilation Requirements:**

Open doors and windows access to fresh air. In addition, use of mechanical blowers or ducts is strongly recommended. Local exhaust is required.

**Respiratory Equipment Required:**

Use of NIOSH/MSHA approved respirator is recommended.

**Other Personal Protective Equipments:**

Use gloves and goggles. A disposable chemical jump suit is optional.

**First-Aid Equipment:**

Oxygen for acute exposure to ducts.

Eye wash/flush unit in case of accidental contact with the eyes.

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Section 09 – Special Precautions and Comments

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**Engineering Control:** Adequate ventilation system.

**Work Practices:**

Never smoke, eat or drink when working with chemical powders.

Provide for adequate ventilation.

Wear a dust mask, gloves, and suitable eye protection to avoid potential accidents or unnecessary exposure to the powder.

Protect the powder from moisture and do not use any metals objects (mixing bowls, spatulas, spoons, etc.) when mixing the powder.

**Handling Instructions:**

Use appropriate protection as outlined above.

Keep powder dry and free from excessive moisture or water.

Do Not expose to strong reducing agents, heat, fire, combustible materials, etc.

Practice safe work habits.

Although the information and recommendations set forth herein (hereinafter “information”) are presented in good faith, and, are believed to be as correct as of the date hereof, TIGI Linea, LP makes no representations as to completeness or accuracy thereof. Information is supplied upon the condition that the party receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will TIGI Lines, LP be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information.

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Section 10 – Transportation Information

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**DOT Classification:** Oxidizing Solid, n.o.s. (Potassium Persulfate, Ammonium Persulfate)

5.1, UN 1479 PG III

**Exemption:** Consumer Commodity ORM-D

Section 11 – Other Information

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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