



## Material Safety Data Sheet

### Section 01 – Product Identification

TIGI Linea, Corp.  
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

Trade Name: **TIGI COPYRIGHTCOLOUR TRUE LIGHT ZERO DUST POWDER LIGHTENER**

### Section 02 – Hazardous Ingredients / Identity Information

INCI	Range	CAS	EINECS	Classification	R/S Phrases
Ammonium Persulfate	10-20%	7727-54-0	NA	NA	NA
Potassium Persulfate	45-55%	7727-21-1	231-781-8	Xi, Xn, R8/22/86/37/3	8/42/48
Hydrated Silica	1-5%	10279-57-9	NA	NA	NA
Silica	1-5%	7631-86-9	NA	NA	S24/25
Sodium Silicate	15-20%	1344-09-8	NA	NA	NA
Sodium Lauryl Silicate	1-5%	151-21-3	NA	NA	NA
Xanthan Gum	1-5%	11138-66-2	NA	NA	NA
EDTA	1-5%	60-00-4	NA	NA	NA
ZEA MAYS (corn) STARCH	5-10%	9005-25-8	NA	NA	NA
Ethylhexyl Pelargonate	1-5%	59587-44-9	NA	NA	NA
Sodium Stearate	1-5%	822-16-2	NA	NA	NA
Algin	1-5%	9005-32-7	NA	NA	NA

### Section 03 – Physical/ Chemical Characteristics

**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

**TIGI COPYRIGHTCOLOUR TRUE LIGHT ZERO DUST POWDER LIGHTENER**

---

**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 combustible may cause ignition. Contact with oxidizable substance 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 mixing 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 materials, heat, flame, ignition sources, shock, 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 solutions; 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:** Irritation 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 of 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 to 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 discharge. 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 substance. 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 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 irritant.

**Eye 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.

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

**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**

---

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

---

**Section 16 – Other Information**

---

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.

TIGI  
Feb-12