

MATERIAL SAFETY DATA SHEET

TRESSA, INC.
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1-800-879-8737
Emergency Response Number: 1-800-424-9300
Outside The U.S. Call 703-527-3887

SECTION I: IDENTIFICATION

Product name: LITEnUP

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

	CAS	EINECS	ACGIAH	OSHA
Potassium Persulfate	7727-21-1	231-781-8	0.1 mg/m3 (TWA)	Not Established
Sodium Persulfate	7775-27-1	NA	0.1 mg/m3 (TWA)	Not Established
Sodium Silicate	1344-09-8	NA	Not Established	Not Established
Sodium Metasilicate	6834-92-0	NA	2 mg/m3 (TWA)	Not Established
Silicon Dioxide	7631-86-9	NA	10 mg/m3 (TWA)	15 mg/m3 (PEL)
Ammonium Persulfate	7727-54-0	NA	0.1 mg/m3 (TWA)	Not Established

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR DENSITY: N/A

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble, some dispersibility.

APPEARANCE AND ODOR: White to off white powder with sharp odor.

VAPOR PRESSURE: N/A

RELATIVE DENSITY: >0.35

EVAPORATION RATE: N/A

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: ABC all purpose extinguisher, CO₂ extinguisher, foam, water, water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid contact with heat or fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If heated or burned, CO₂, H₂O, SO₂, O₂, or smoke may form.

SECTION V: REACTIVITY DATA

STABILITY DATA

UNSTABLE: No

STABLE: Yes

INCOMPATIBILITY: Reducing agents, moisture, heat. Acids, Alkalis, easily oxidizable materials, combustible materials, metals, organic powdered matter.

HAZARDOUS POLYMERIZATION

MAY OCCUR: No

WILL NOT OCCUR: Yes

INCOMPATIBILITY: No

SECTION VI: HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

INHALATION: Avoid.

SKIN: Avoid.

INGESTION: Avoid.

HEALTH HAZARD (Acute and Chronic): Eye contact: Caution, eye irritation and possible permanent eye injury. Skin contact: Skin irritant. Ingestion: Moderately toxic. Inhalation: Respiratory irritant may cause asthmatic attack in sensitive individuals.

CARCINOGENICITY

CARCINOGEN: N/A

NTP: N/A

IARC MONOGRAPHS: N/A

OSHA REGULATED: N/A

SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: Irritation.

EYES: May cause burns.

INHALATION: Respiratory irritation.

INGESTION: Possible gastrointestinal tract irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None to the best of our knowledge.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Rinse with water.

EYES: Flush with water for at least 15 minutes. Seek medical attention if required.

INHALATION: Remove to fresh air. If asthma develops, seek medical attention.

INGESTION: If swallowed, do not induce vomiting, see doctor.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid breathing dust. Wear goggles or safety glasses to clean up spills. Small spill (less than a cupful) can be swept up and flushed down drain with excess water. Avoid cleaning with paper towels or damp cloths.

WASTE DISPOSAL METHOD: Dispose according to all applicable Local, State and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place. Avoid impact. Handle with care. Do not store powder that has been mixed with developer or other contaminants.

OTHER PRECAUTIONS: Reseal plastic bag and canister top tightly.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: N/A

VENTILATION

LOCAL EXHAUST: Recommended.

MECHANICAL: Recommended.

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: Plastic gloves.

EYE PROTECTION: Safety glasses if desired.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Plastic cape during processing.

WORK/HYGIENIC PRACTICES: Normal good work, hygienic practices.

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