



## Material Safety Data Sheet

**Product No. 18185 LR White Accelerator**

**Issue Date (02-22-96)**

**Review Date (06-01-12)**

MSDS Information provided by London Resin Co LTD, Issued 02-22-96, Reviewed 2010

### Section 1: Product and Company Identification

**Product Name: LR White Accelerator**

Synonym: None:

**Company Name**

**Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477**

**Domestic Phone (800) 237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)**

**International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)**

**Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.**

### Section 2: Composition / Information on Ingredients

| <b>Principle Hazardous Component(s)<br/>(chemical and common name(s))<br/>(Cas. No)</b> | <b>%</b> | <b>OSHA<br/>PEL<br/>mg/m3</b> | <b>ACGIH<br/>TLV<br/>mg/m3</b> | <b>NTP</b> | <b>IARC</b> | <b>OSHA<br/>regulated</b> |
|-----------------------------------------------------------------------------------------|----------|-------------------------------|--------------------------------|------------|-------------|---------------------------|
| N,N-Dimethyl-p-toluidine<br>(99-97-8)                                                   | 60       | NE                            | NE                             | No         | No          | No                        |
| Polyethylene Glycol<br>(25322-68-3)                                                     | 40       | NE                            | NE                             | No         | No          | No                        |

### Section 3: Hazard Identification

#### Emergency overview

Appearance: Straw to colorless liquid.

Immediate effects: Irritating

#### Potential health effects

Primary Routes of entry: Inhalation, ingestion, skin contact.

Signs and Symptoms of Overexposure: ND

Eyes: Irritating.

Skin: May cause sensitization by contact.

Ingestion: Toxic.

Inhalation: Irritating to respiratory system

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: NA

See Toxicological Information (Section 11)

## **Potential environmental effects**

See Ecological Information (Section 12)

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### **Section 4: First Aid Measures**

#### **If accidental overexposure is suspected**

Eye(s) Contact: Flood eyes thoroughly (keeping the eyelids part) for at least 10 minutes with tap water.

Skin Contact: Flush with plenty of water for least 15 minutes. Remove contaminated clothing and wash before re-use. Apply moisturizing cream. Seek medical attention.

Inhalation: Remove from exposure to fresh air. Seek medical attention.

Ingestion: Do not induce vomiting. Wash out mouth with plenty of water. Call a physician.

#### **Note to physician**

Treatment: ND

Medical Conditions generally Aggravated by Exposure: NIF

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### **Section 5: Fire Fighting Measures**

Flash Point: 76 °C

Flammable Limits: LEL: 1.2 Vol. % UEL: 7 Vol. %

Auto-ignition point: ND

Fire Extinguishing Media: Use appropriate extinguishing media.

Special Fire Fighting Procedures: Wear a self-contained breathing apparatus that is NIOSH approved.

Unusual Fire and Explosion Hazards: Though the mixture contains peroxide, there is no risk of explosion. If excess accelerator is added, a high exothermic reaction may result. This is only a risk if the container holding the mixture is not vented.

Hazardous combustion products: Oxides of carbon, acrid smoke and irritating fumes.

DOT Class: Toxic liquid

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### **Section 6: Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled: CAUTION: Surface covered with product may become slippery. Shut off all sources of ignition. Adequately ventilate area, use personal protection clothing and breathing apparatus if a mist is released.

Absorb with inert material (e.g. sand, diatomaceous earth, acid absorbent, universal absorbent or sawdust). Keep away from drains.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

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### **Section 7: Handling and Storage**

Precautions to be Taken in Handling and Storage: Only use chemical in a fume hood. Keep away from source of ignition. Do not smoke. Do not get on skin or eyes. Keep containers tightly closed and store in a cool dry area.

Storage temperature: Refrigerator

Storage Pressure: ND

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## **Section 8: Exposure Controls / Personal Protection**

### **Engineering Controls**

Ventilation required: Local mechanical exhaust required. Fume hood.

### **Personal Protection Equipment**

Respiratory protection: Use in fume hood. If risk of high concentrations, wear a self-contained breathing apparatus.

Protective gloves: Resistant gloves (neoprene).

Skin protection: Protective clothing.

Eye protection: Goggles or face shield.

Additional clothing and/or equipment: When handling large quantities: face mask, rubber boots and rubber apron.

### **Exposure Guidelines**

See Composition/Information on Ingredients (Section2)

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## **Section 9 Physical and Chemical Properties**

Appearance and Physical State: Straw to colorless liquid.

Odor (threshold): Amine odor.

Specific Gravity (H<sub>2</sub>O=1): ND

Vapor Pressure (mm Hg): ND

Vapor Density (air=1): >1 G/l

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: 90 °C @ 1hPa

Freezing point / melting point: ND

pH: ND

Solubility in Water: Very soluble @ 20 °C

Molecular Weight: NA

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## **Section 10: Stability and Reactivity**

Stability: Stable

Conditions to Avoid: ND

Materials to Avoid (Incompatibility): Acids, peroxides and alpha diketones.

Hazardous Decomposition Products: Oxides of carbon, acrid smoke and irritating fumes.

Hazardous Polymerization: ND

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## **Section 11: Toxicological Information**

Results of component toxicity test performed: IHL-Rat LD50: 1400 mg/m3 per 4 hours.

IPR-Mus LD50: 212 mg/kg.

Human experience: Danger to skin sensitization. Absorption into the body leads to the formation of methemoglobin which is significant concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer.

This product **does** not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

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## **Section 12: Ecological Information**

Ecological Information: NIF

Chemical Fate Information: NIF

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### **Section 13 Disposal Considerations**

RCRA 40 CFR 261 Classification: ND

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

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### **Section 14: Transportation Information**

US DOT Information: Proper shipping name: Toxic liquid, organic, n.o.s (N,N-Dimethyl-p-toluidine)

Hazard Class: 6.1

Packaging group: III

UN Number: UN2810

IATA: Proper shipping name: Toxic liquid, organic, n.o.s (N,N-Dimethyl-p-toluidine)

Hazard Class: 6.1

Packing group: III

UN Number: UN2810

Domestic shipments only:

IMO: Proper shipping name: Toxic liquid, organic, n.o.s (N, N-Dimethyl-p-toluidine)

Class: 6.1

UN Number: UN2810

Packing group: III

Marine Pollutant: ND

Canadian TDG: Proper shipping name: Toxic liquid, organic, n.o.s (N, N-Dimethyl-p-toluidine)

IMDG Page: ND

Limitations: ND

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### **Section 15: Regulatory Information**

#### **United States Federal Regulations**

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: ND

SARA Title III: ND

RCRA: ND

TSCA: All compounds in this product are listed in TSCA Section 8 (B) Chemical Inventory.

CERCLA: ND

#### **State Regulations**

California Proposition 65: None

#### **International Regulations**

Canada WHMIS: ND

Europe EINECS Numbers: NIF

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### **Section 16: Other Information**

Label Information: Toxic

European Risk and Safety Phrases: R 23/24/25 33 52/53. Risk Phrases: Toxic by inhalation, in contact with skin and if swallowed. Danger of cumulative effects. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S 28 36/37 45 61. After contact with skin, wash immediately with plenty of soap suds.

Wear suitable protective clothing and gloves. In case of an accident or if you feel unwell, seek medical advice immediately (Show the label where possible). Avoid release to environment. Refer to special: instructions/safety data sheets.

European symbols needed: ND

Canadian WHMIS Symbols: ND

Hazard Rating: Health: **NE**; Fire: **NE**; Reactivity: **NE**

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

**Abbreviations used in this document**

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

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**Disclaimer**

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.