TED PELLA, INC.
Microscopy Products for Science and Industry

Safety Data Sheet
Product No. 19921 PELCO® Cyanoacrylate Cure Accelerator
Issue Date (11-15-18)
Review Date (07-17-19)

Section 1: Product and Company Identification

Product Name:
Synonym:
Company Name
Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477
Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day
CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

GHS Classification:

Flammable Liquid	Category 3
Aspiration Toxicant	Category 1

Label Elements:
GHS Pictograms:

Signal Word: DANGER

Hazard Statements:
H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airway.

Precautionary Statements:
P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P271: Use only in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call POISON CENTER.
P302+352: IF ON SKIN: Wash with plenty of soap and water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists, get medical attention.
P501: Dispose of contents/container in accordance with local regulations.

Hazard Not Otherwise Classified (HNOC): ND

Results of PBT and vPvB assessment: PBT: ND

Health Effects:
NFPA Hazard Rating: Health: 1; Fire**: 2**; Reactivity: 0
HMIS® Hazard Rating: Health: 1; Fire: 2; Physical Hazard: 0; Personal Protection: B
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Emergency overview
Appearance: Colorless liquid
Immediate effects: Irritation.
Potential health effects
Primary Routes of entry: Inhalation, ingestion and skin and eye contact
Signs and Symptoms of Overexposure: Overexposure may be irritating to the respiratory system. Use adequate respiratory protections. If respiratory irritation, dizziness, nausea occurs, or if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for
breathing
Eyes: Mildly irritating to skin with prolonged exposure.
Skin: Direct contact may cause moderate to serious eye irritation.
Ingestion: May be fatal if swallowed.
Inhalation: Not expected to be a respiratory sensitizer. May be fatal if enters airways.
Chronic Exposure: ND
Chemical Listed As Carcinogen Or Potential Carcinogen: N, N-Dimethyl-p-toluidine (IARC Category 2B)
See Toxicological Information (Section11)
Potential environmental effects
See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Component(s) **(chemical and common name(s))** **(Cas. No)**	**%***	**OSHA PEL mg/m3**	**ACGIH TLV mg/m3**	**NTP**	**IARC**	**OSHA regulated**
Naptha (Petroleum), Hydrotreated Heavy (64742-48-9)	80-100	400	ND	ND	ND	No
N,N-Dimethyl-p-toluidine (99-97-8)	≤ 1	ND	ND	ND	2B	No

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Flush thoroughly with water

Skin Contact: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Inhalation: Overexposure may be irritating to the respiratory system. Use adequate respiratory protections. If respiratory irritation, dizziness, nausea occurs, or if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Swallowing large amounts may cause aspiration in to the lungs and chemical pneumonitis.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: 45 °C

Flammable Limits:

Explosive Lower Limits: 0.7%

Explosive Upper Limits: 6%

Auto-ignition point: 345 °C

Fire Extinguishing Media: Water fog or fine spray, carbon dioxide, dry chemicals or foams. Unsuitable Media: Water jet

Special Fire Fighting Procedures: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and suitable protective clothing.

Unusual Fire and Explosion Hazards: Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a fire danger.

Oxides of carbon, smoke, and fumes

Hazardous combustion products:

DOT Class: Flammable liquid.

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Evacuate area immediately. Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. Handle in accordance with good industrial hygiene and safety practices.

Environment Precautions: Avoid release to the environment. Prevent entry to sewers and public waters. Clean-up Methods: Clean up spills immediately and dispose of waste safely. Absorb or cover with non-combustible material and transfer to suitable disposal containers.

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

Section 7: Handling and Storage
Precautions to be taken in Handling and Storage: Avoid breathing vapors and contact with skin. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Wash hands and other exposed areas after use. Keep away from flames, sparks, and other potential ignition sources. This material is a static accumulator. Keep away from direct sunlight. Keep container tightly closed when not in use.
Storage temperature: Store in a cool, well-ventilated area.
Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection
Engineering Controls
Ventilation required: Provide adequate ventilation in area of use. Do not use this product in an enclosed or poorly ventilated area. If ventilation alone cannot control exposure, respiratory protection should be used.
Ensure all local, state, and federal regulations are observed. Avoid unnecessary contact or exposure to material.
Personal Protection Equipment
Respiratory protection:
Protective gloves: Wear chemically resistant gloves.
Skin protection: Wear chemically resistant protective clothing
Eye protection: Wear protective goggles or face shield.
Additional clothing and/or equipment:
Exposure Guidelines
See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties
Appearance and Physical State: Colorless liquid.
Odor (threshold): Faint (ND)
Specific Gravity (H_2O=1): 0.75 g/cm3 (6.26 lb/gal)
Vapor Pressure (mm Hg): 0.75 mmHg (@ 20 °C) (68 °F)
Vapor Density (air=1): 5
Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): 0.1
Decomposition Temperature: ND
Boiling Point: 166 - 176 °C (331 - 349 °F)
Freezing point / melting point: ND
pH: ND
Solubility in Water: Negligible
Partition Coefficient: > 4 (Estimated)
Volatile Organic Compounds: 6.259 lbs/gal (EPA Method 24)
Molecular Weight: NA

Section 10: Stability and Reactivity
Stability: Stable under normal conditions.

Reactivity: No dangerous reactions known under normal conditions.
Conditions to Avoid: Direct sunlight, excess heat, sparks, flames, or other ignition sources.
Materials to Avoid (Incompatibility): Strong bases, acids, or oxidizers.
Hazardous Decomposition Products: Material does not decompose at ambient temperatures.
Hazardous Reactions: No hazardous reactions known under normal conditions.
Hazardous Polymerization: Does not occur.

Section 11: Toxicological Information
Acute Toxicity: See below.
Skin: Mildly irritating to skin with prolonged exposure.
Eye: Direct contact may cause moderate to serious eye irritation.
Respiratory: Not expected to be a respiratory sensitizer. May be fatal if swallowed and enters airways.
Germ Cell Mutagenicity: N,N-Dimethyl-p-toluidine
Carcinogenicity: N,N-Dimethyl-p-toluidine (IARC Category 2B)
Results of component toxicity test performed:
Naphtha (Petroleum), Hydrotreated Heavy (64742-48-9) Threshold Notes (If Available)
LD50 Oral (Rat): > 5,000 mg/kg Minimally Toxic
LC50 Vapor Inhalation @ 8 Hours (Rat): > 5,000 mg/m3 Minimally Toxic
LD50 Skin (Rabbit): > 5,000 mg/kg Mild irritation with prolonged exposure
N,N-Dimethyl-p-toluidine (99-97-8) Threshold Notes (If Available)
LD50 Oral (Rat): 980 mg/kg
LC50 Vapor Inhalation @ 4 Hours (Rat): 1,400 mg/m3
LD50 Skin (Rabbit): > 2,000 mg/kg
Human experience: ND
This product **does** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information
Ecological Information:
Toxicity: May cause long term effects in the aquatic environment.
Persistence / Degradability: Readily biodegradable in water. (31.3% Degraded / 28 Days)
Bioaccumulative Potential: Expected to be inherently biodegradable. Low potential for bioaccumulation.
Mobility in Soil: Not expected to partition to sediment and wastewater solids.
Other: Expected to degrade rapidly in air.
Naphtha (Petroleum), Hydrotreated Heavy (64742-48-9) Test Results Notes (If Available)
Daphnia magna @ 48 hour(s): EL0 1,000 mg/l
Daphnia magna @ 21 days NOELR: < 1 mg/l
Pseudokirchneriella subcapitata @ 72 hour(s): EL0 1,000 mg/l
Pseudokirchneriella subcapitata @ 72 hour(s): NOELR 1,000 mg/l
Oncorhynchus mykiss @ 96 hour(s): LL0 1,000 mg/l

N,N-Dimethyl-p-toluidine (99-97-8) Test Results Notes (If Available)
No data available.
Chemical Fate Information: ND

Section 13 Disposal Considerations
RCRA 40 CFR 261 Classification: ND
Dispose of waste in accordance with local regulations. Do not discharge in to drains or the environment. Do not expose containers to excess heat, flame, sparks, or other sources of ignition.
Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information
US DOT Information: Proper shipping name: PETROLEUM DISTILLATES, N.O.S. (C10-C11)
Hazard Class: 3
Packaging group: III
UN Number: UN1268
Limitations: Limited quantities of flammable liquids and combustible liquids. [49 CFR 173.150(b)]
IATA: Proper shipping name: PETROLEUM DISTILLATES, N.O.S. (C10-C11)
Hazard Class: 3
Packing group: III
UN Number: UN1268
Limitations: 30 mL Inner Packaging / 1 Liter Outer Packaging maximum. [IATA DGL]
Domestic shipments only:
IMO: Proper shipping name: PETROLEUM DISTILLATES, N.O.S. (C10-C11)
Class: 3
UN Number: UN1268
Packing group: III
Marine Pollutant: Yes
Canadian TDG: PETROLEUM DISTILLATES, N.O.S. (C10-C11)

Section 15: Regulatory Information
United States Federal Regulations
MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.
SARA: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312: Aspiration Hazard, Flammable Liquids
SARA 313: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
RCRA: ND
TSCA: Listed
CERCLA: ND

State Regulations
California Proposition 65: California Proposition 65: WARNING: This product can expose you to N,N-Dimethyl-p-toluidine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

International Regulations
Canada WHMIS: ND
Europe EINECS Numbers: ND

Section 16: Other Information
Label Information: Flammable liquid
European Risk and Safety Phrases: ND
European symbols needed: ND
Canadian WHMIS Symbols: ND
Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data

Disclaimer
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