
Material Safety Data Sheet

TPL Inc.
3921 Academy Parkway NNE
Albuquerque, NM 87109

Origination Date: May 20, 2004
Revision Date: March 14, 2006
Revision: 3

Emergency Contact: Chemtrec 800-424-9300

Section 1 - Chemical Identification

Name Nanospense 484
Other Alkylolammonium salt of a copolymer acidic polyester

Section 2 - Hazards Identification

Label Precautionary Statements Avoid contact with skin eyes and clothing. Avoid strong oxidizing agents. Product heated to > 110 C may release irritating vapors. Add section III First Aid Measures to label.
Target Organs None.

Section 3 - First Aid Measures

Contact With Skin Wash immediately with soap and plenty of water.
Contact With Eyes Rinse immediately with plenty of water and seek medical advice.
Inhalation Not hazardous by inhalation.
Ingestion Do not induce vomiting without medical advice.

Section 4 - Fire Fighting Measures

Flash Point Autoignition Temp. > 212°F or 100°C.
Flammable Limit: LEL Flammable Limit: UEL
Extinguishing Media Foam, carbon dioxide, dry chemical, or water spray.
Special Fire Fighting Measures Wear self contained breathing apparatus and protective clothing. Water may be used to keep fire exposed containers cool.
Unusual Fire and Explosion Hazards Keep away from heat and flame. Will not explode upon mechanical impact.

Section 5 - Accidental Release Measures

Eliminate all sources of ignition. Wear protective equipment: safety glasses, gloves, and an appropriate respirator if in a confined area. Stop leak and contain spill. Absorb with a suitable material.

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Section 6 - Exposure Controls / Personal Protection

Working Conditions No special handling advice required. No personal respiratory equipment required.

Storage Keep tightly closed in a dry and well-ventilated area.
Keep away from heat.

Section 7 - Physical and Chemical Characteristics

Vapor Pressure < 1 mm Hg (estimated)

Specific Gravity 1.08 g/ml

Color Clear

Physical Appearance Clear liquid – slight yellow

Odor Amine like

Solubility in Water Soluble

Section 8 - Stability and Reactivity

Incompatibilities Strong oxidizing agents.

Hazardous Combustion or Decomposition Products Carbon monoxide, carbon dioxide, nitrous oxides, sulfur oxides, and phosphorous oxides.

Section 9 - Toxicological Information

Inhalation: High concentration of heated vapors may irritate the respiratory tract and mucus membrane.
Eye: Contact may cause irritation.
Skin: Contact may cause irritation.
Ingestion: May irritate the digestive tract; cause CNS effects (depression, muscle spasms).

Section 10 - Ecological Information

Ozone Depleting Substances: None.

Hazardous Air Pollutants: Not Applicable

CONEG Heavy Metal: TPL, inc. certifies that it contains no heavy metals.

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Section 11 - Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal regulations. Can be incinerated.

Section 12 - Transport Information

US DOT Shipping Name Not Regulated

Section 13 - Regulatory Information

None available.

The above data and conclusions are believed to be correct, but do not purport to be all inclusive and shall be used only as guide. TPL, Inc. shall not be held liable for any damages resulting from handling or from contact with the material.
