

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex 711TM-E

Synonyms: 1,2,4 Benzenetricarboxylic acid, tris C₇₋₁₁ alkyl ester, branched and linear

MANUFACTURER:

Unitex Chemical Corporation

520 Broome Road
P.O. Box 16344
Greensboro, NC 27406

EMERGENCY TELEPHONE NUMBERS:

Emergency Telephone Number: CHEMTREC 1 (800) 424-9300
International 1 (703) 527-3887

Telephone Number for Information:
(336) 378-0965 (Monday - Friday 8:00 a.m. - 5:00 p.m.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>% (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS NO.</u>
Tris - (Heptyl, Nonyl Undecyl) -Trimellitate	Proprietary	Not established		68515-58-2

3. HAZARDS IDENTIFICATION

Emergency Overview: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Potential Health Effects for Acute Overexposure: Contact with the eyes and skin may result in irritation. Inhalation may result in respiratory irritation. Ingestion may result in gastric disturbances.

Eye Contact: May cause irritation to the eyes.

Skin Contact: May cause irritation to skin tissue.

Ingestion: If conscious, immediately administer large quantities of water and induce vomiting! Seek medical attention.

Chronic: There are no known chronic effects associated with this material.

Product Name: Uniplex 711TM-E

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes, while holding the eyelids open. If irritation develops, get medical attention.

Skin Contact: Wash affected area with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: >500°F Cleveland Open Cup
Autoignition Temperature: Not available

Fire Fighting Instructions: Extinguishing media--water fog; foam; or dry chemical. Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Water may be ineffective but should be used to keep exposed containers cool.

Hazardous Combustion Products: There are no known unusual fire or explosion hazards.

6. ACCIDENTAL RELEASE MEASURES

General: Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility. The phthalate ester class of chemicals is included on the CERCLA Hazardous Substance List and the RCRA Toxic Constituents List.

Waste Disposal: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container disposal: Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.

7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Pressureless

General: Keep containers closed

Product Name: Uniplex 711TM-E

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation recommended.

Explosion Proofing: None required

Personal Protection: Chemical splash-proof goggles; also wear a face shield if splashing hazard exists to protect eyes.

Respirator: If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator. Use an air-supplied or self contained breathing apparatus in emergency or non-routine, high exposure situations.

Protective Clothing: Gloves, coveralls, apron, boots as necessary to minimize contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: <0.11 mmHg at 25°C	Pour Point	: ND
Specific Gravity	: 0.89	Decomposition temp.	: Not Available
Solubility in Water	: Practically insoluble	Freezing Point	: Not Available
pH	: Not Available	Odor	: Characteristic
Flash Point	: > 500° F COC	Appearance	: Light Yellow
		Physical State	: Liquid

10. STABILITY AND REACTIVITY

General: Stable.

Incompatible Materials and Conditions to Avoid: Strong oxidizing agents. Avoid excessive heat and ignition sources.

Hazardous Decomposition/ Polymerization: Hazardous decomposition products CO and CO₂. Polymerization does not occur.

Corrosive Properties: Not corrosive.

Oxidizer Properties: Not an oxidizer

Product Name: Uniplex 711TM-E

11. TOXICOLOGICAL INFORMATION

Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

Dispose of product in an approved chemical waste landfill, or incinerate, in accordance with applicable Federal, State, and local regulations.

14. TRANSPORT INFORMATION

Not regulated by DOT

15. REGULATORY INFORMATION

Components are found in TSCA Inventory.

Massachusetts Right to Know Listed: No
Pennsylvania Right to Know Listed: No

This product is not hazardous according to the OSHA Hazard Communication Standard.

Disposal - RCRA: The phthalate esters are listed as a class but this product does not have a U number assigned so they are not RCRA hazardous and can be disposed of in a licensed facility rather than a RCRA licensed facility.

Clean-Up – CERCLA: The phthalate esters are listed as a class but this product has no reportable quantity so there is nothing to report on a spill. The spill needs to be remediated to CERCLA standards and it is suggested that your customer contact local authorities to determine if there are other local reporting requirements.

Product Name: Uniplex 711TM-E

16. OTHER INFORMATION

Hazardous Materials Identification System (HMIS) Rating:

Health

1

Flammability

1

Reactivity

0

Revision Summary: