

Section 1: Identification

Product Name: Precursor® Pre/Co-Injection

Product Code: PW0116100

Recommended Use: Supplemental Embalming Fluid – Non-Hazardous // Formulated to improve arterial fluid receptiveness within the vascular system and to counteract adverse effects of chemotherapeutics.

Restrictions on Use: Professional embalmer use only; not for general consumer use.

Manufacturer: TNPC, LLC – Dallas, TX 75236

Distributed by: Pierce Companies – 4722 Bronze Way – Dallas, TX 75236 – (214) 333-4230

Emergency Phone Number: CHEMTREC – (800) 424-9300

Section 2: Hazard(s) Identification

GHS Classification:

- Carcinogenicity — Category 2

Signal Word: **WARNING**

Hazard Statements:

- H351: Suspected of causing cancer.

Precautionary Statements:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P280: Wear protective gloves, protective clothing, eye protection, and face protection.
- P308+P313: IF exposed or concerned: Get medical advice or attention.
- P405: Store locked up.
- P501: Dispose of contents and container in accordance with regulations.

Pictograms:



Section 3: Composition/Information on Ingredients

CHEMICAL NAME	CAS NUMBER	% WEIGHT	CLASSIFICATION	Trade Secret Information: Exact % of concentration is withheld to protect Trade Secret Information. Ranges are given in accordance with 29 CFR 1910.1200(i), Appendix E
Nitritotriacetic Acid	5064-31-3	<5%	Carc. 2	
Other non-hazardous components	—	>95%	not classified under GHS	

Section 4: First-Aid Measures

- **Inhalation:** Move to fresh air. Get medical attention if symptoms develop or persist.
- **Skin/Eye Contact:** Wash skin with soap and water. Rinse eyes with water for several minutes. Get medical attention if irritation develops or persists.
- **Ingestion:** Rinse mouth. Get medical attention if symptoms occur.
- **Symptoms/Effects:** May cause mild eye, skin, or respiratory irritation. Prolonged or repeated exposure may present a cancer hazard.
- **Physician Notes:** Treat symptomatically.

Section 5: Fire-fighting Measures

- **Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding fire.
- **Unsuitable Extinguishing Media:** None known.
- **Specific Hazards:** Not expected to present a significant fire hazard under normal conditions.
- **Special Protective Equipment & Precautions for Firefighters:** Wear self-contained breathing apparatus and full protective gear for surrounding fire conditions.

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid contact with eyes and skin. Use normal good industrial hygiene practices.

- **Emergency Procedures:** Ventilate area if needed. Keep unnecessary personnel away during cleanup.
- **Methods and Materials for Containment:** Contain with sand, earth, or other inert absorbent.
- **Cleanup Procedures:** Collect absorbed material in a suitable container for disposal. Wash spill area after cleanup.

Section 7: Handling and Storage

- **Safe Handling:** Avoid breathing mist or spray. Avoid contact with eyes and skin. Use with adequate ventilation. Keep containers closed when not in use.
- **Hygiene Measures:** Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.
- **Safe Storage:** Store in a cool, dry, well-ventilated area. Keep container tightly closed.
- **Incompatibilities:** Strong oxidizers, strong acids, and strong bases.

Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:** Use general ventilation. Emergency eyewash should be available.
- **Personal Protective Equipment (PPE):**
 - **Gloves:** Chemical-resistant gloves.
 - **Eye/Face Protection:** Safety goggles.
 - **Respiratory Protection:** Use respiratory protection if mist or spray is generated and ventilation is inadequate.
 - **Skin/Body:** Protective clothing as needed to avoid repeated contact.
- **Exposure Limits:** No components have established OSHA PEL, ACGIH TLV, or NIOSH REL used for this SDS.

Section 9: Physical and Chemical Properties

- **Appearance (physical state, color, etc.):** Liquid; Clear Colorless solution
- **Odor:** Mild
- **Odor Threshold:** Minimal
- **pH:** 4.5
- **Melting Point/Freezing Point:** 25°F
- **Initial Boiling Point/Boiling Range:** 214°F
- **Flash Point:** No flash point expected under normal test conditions
- **Evaporation Rate:** 0.6
- **Flammability (solid, gas):** Not applicable
- **Upper/Lower Flammability or Explosive Limits:** Not established
- **Vapor Pressure:** 16 mm Hg @ 71°F
- **Vapor Density:** 1.0
- **Relative Density/Specific Gravity:** 1.09 g/mL
- **Solubility(ies):** Soluble
- **Partition Coefficient (n-octanol/water):** Not determined for mixture
- **Auto-ignition Temperature:** Not expected to auto-ignite under normal conditions
- **Decomposition Temperature:** Decomposes gradually with heat
- **Viscosity:** Moderate viscosity liquid

Section 10: Stability and Reactivity

- **Reactivity:** Avoid contact with strong oxidizers.
- **Chemical Stability:** Stable under normal storage and handling conditions.
- **Hazardous Reactions:** Hazardous polymerization is not expected under normal conditions.
- **Conditions to be Avoided:** Excessive heat and incompatible materials.
- **Incompatible Materials:** Strong oxidizers.
- **Hazardous Decomposition:** Carbon oxides and irritating fumes may form during heating or fire.

Section 11: Toxicological Information

- **Likely Routes of Exposure:** Inhalation, skin contact, eye contact, and ingestion.
- **Chronic Effects:** Prolonged or repeated exposure may present a cancer hazard.
- **Acute Toxicity (LD50 & LC50):**
 - **Nitrilotriacetic Acid:** Acute toxicity data are limited in this product form; oral exposure is the primary concern.
- **Symptoms/Effect:** May cause mild eye, skin, or respiratory irritation. Ingestion may cause gastrointestinal discomfort.
- **Regulatory Listings:**
 - **NTP:** Nitrilotriacetic Acid — Reasonably anticipated to be a human carcinogen.
 - **IARC:** Nitrilotriacetic Acid — Group 2B.

- **OSHA:** Not listed as a regulated carcinogen.

Section 12: Ecological Information

- **Ecotoxicity:** Large releases may be harmful to aquatic organisms.
- **Persistence/Degradability:** Expected to be biodegradable.
- **Bioaccumulation Potential:** Low bioaccumulation potential is expected. Kow is expected to be low, and significant bioconcentration is not expected.
- **Mobility in Soil:** High mobility in soil and water is expected due to water solubility.
- **Other Adverse Effects:** Avoid release to drains, soil, and waterways.

Section 13: Disposal Considerations

- Dispose of in accordance with federal, state, and local regulations.
- Empty containers must not be reused or recycled. Dispose of bottles and residual product in accordance with regulations.
- **Recommended Methods:** Incineration or chemical waste landfill.

Section 14: Transport Information

DOT (Ground Transport): Not regulated
IMDG (Ocean Transport): Not regulated
IATA (Air Transport): Not regulated

Section 15: Regulatory Information

TSCA List: Components are listed on, or otherwise comply with, the TSCA inventory requirements.
EPCRA – Emergency Planning & Community Right-to-Know: This product is not expected to contain an Extremely Hazardous Substance at a reportable level.
CERCLA Reportable Quantity: No CERCLA reportable quantity established for this product.
SARA 302: Not subject to SARA 302 reporting based on current composition.
SARA 304 Extremely Hazardous Substances Reportable Quantity: Not applicable.
SARA 311/312: Chronic health hazard.
SARA 313: This product is not expected to contain SARA 313 listed substances at reportable levels.
California Prop 65: This product contains nitritotriacetic acid, which is listed by California as a chemical known to cause cancer.
US State Regulations: Nitritotriacetic acid may appear on applicable state right-to-know inventories.
Other Regulations: No additional product-specific federal regulation identified beyond standard workplace chemical handling requirements.

Section 16: Other Information

Regulatory Compliance Verification:

This Safety Data Sheet has been prepared in accordance with and verified for compliance with:

- OSHA Hazard Communication Standard (29 CFR 1910.1200, HazCom 2023)
- Globally Harmonized System (GHS) Rev. 11
- U.S. TSCA, EPCRA, CERCLA
- California Proposition 65
- Canadian WHMIS 2022 (GHS-aligned)
- EU REACH Regulation

All hazard classifications, labeling elements, and regulatory disclosures are based solely on the specific formula composition and chemical properties provided for this product.

Hazardous Material Information System III (USA)

Health: 1
 Flammability: 0
 Physical Hazards: 0
 Personal Protection: B

National Fire Protection Association (USA)

Health: 1
 Flammability: 0
 Instability: 0
 Special: -

HMIS ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on Safety Data Sheets under 29 CFT 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA).

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Notice: The information in this SDS is believed to be accurate and reliable at the time of preparation, but no guarantee is made that it is complete or that the hazards listed are the only hazards present. Users are responsible for determining the suitability of the product for their intended use, complying with all applicable laws and safety requirements, and considering the effects of use with other materials. Pierce makes no express or implied warranty regarding the product, its merchantability, fitness for a particular purpose, or the accuracy of this information, except that the product will conform to Pierce's specifications. Possession of this SDS does not indicate that the holder purchased or used the product.