

Section 1: Identification

Product Name: Cosmo Dye (16oz; Gallon)

Product Code: PW0400000; PW0400100

Recommended Use: Cosmo Dye produces a light pink color and is a great choice for jaundice cases.

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:

- Flammable Liquid Category 3
- Specific Target Organ Toxicity (Single Exposure) Category 1

Signal Word: **DANGER**

Hazard Statements:

- H226: Flammable liquid and vapor.
- H370: Causes damage to organs.

Precautionary Statements:

- P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P233: Keep container tightly closed.
- P240: Ground and bond container and receiving equipment.
- P241: Use explosion-proof electrical, ventilating, and lighting equipment.
- P242: Use non-sparking tools.
- P243: Take action to prevent static discharges.
- P260: Do not breathe vapors or mists.
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P280: Wear protective gloves, eye protection, and face protection.
- P307+P311: IF exposed: Call a POISON CENTER or doctor.
- P321: Specific treatment: see Section 4 of this SDS.
- P370+P378: In case of fire: Use alcohol-resistant foam, dry chemical, carbon dioxide, or water spray to extinguish.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.
- P501: Dispose of contents/container in accordance with local, state, and federal 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 |
|--------------------------------|------------|----------|---------------------------------------|---|
| Methanol | 67-56-1 | 11-21% | Flam. Liq. 2; Acute Tox. 3; STOT SE 1 | |
| Other non-hazardous components | — | 78-88% | not classified under GHS | |

Section 4: First-Aid Measures

- **Inhalation:** Remove person to fresh air and keep comfortable for breathing. Get medical attention immediately if symptoms develop or if significant vapor exposure is suspected.
- **Skin/Eye Contact:** Wash skin with soap and water. Rinse eyes cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

- **Ingestion:** Rinse mouth. Do not induce vomiting. Get immediate medical attention.
- **Symptoms/Effects:** May cause headache, dizziness, drowsiness, nausea, and central nervous system effects. Significant methanol exposure may cause delayed visual disturbances and metabolic effects.
- **Physician Notes:** Treat symptomatically. Because the product contains methanol, monitor for delayed toxic effects including metabolic acidosis, visual disturbances, and central nervous system effects. Immediate medical evaluation is recommended after significant ingestion or inhalation exposure.

Section 5: Fire-fighting Measures

- **Suitable Extinguishing Media:** Use alcohol-resistant foam, dry chemical, carbon dioxide, or water spray.
- **Unsuitable Extinguishing Media:** No specific restrictions known.
- **Specific Hazards Arising from the Chemical:** Flammable liquid and vapor. Product contains methanol and may produce flammable vapors. Heating or fire may produce carbon oxides and irritating organic fumes.
- **Special Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus and full protective gear. Cool exposed containers with water spray. Avoid breathing smoke, vapors, or decomposition fumes.

Section 6: Accidental Release Measures

- **Personal Precautions:** Eliminate all ignition sources. Avoid breathing vapors or mists. Avoid contact with eyes, skin, and clothing. Wear appropriate protective equipment during cleanup.
- **Emergency Procedures:** Ventilate area. Keep unnecessary and unprotected personnel away. Use non-sparking tools and prevent static discharge.
- **Methods and Materials for Containment:** Contain spill with inert absorbent material such as sand, clay, or commercial absorbent. Prevent release to drains and waterways.
- **Cleanup Procedures:** Absorb spilled material into suitable containers for disposal. Wash spill area after bulk material is removed. Dispose of waste in accordance with federal, state, and local regulations.

Section 7: Handling and Storage

- **Safe Handling:** Avoid breathing vapors or mists. Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Keep away from heat, sparks, and open flame. Wash thoroughly after handling.
- **Hygiene Measures:** Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and wash before reuse.
- **Safe Storage:** Store in a tightly closed container in a cool, dry, well-ventilated area. Keep away from heat, ignition sources, and incompatible materials. Keep container closed when not in use.
- **Incompatibilities:** Strong oxidizers. Strong acids. Strong bases.

Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:** Use adequate general ventilation. Use local exhaust if vapors or mists are generated or if ventilation is insufficient.
- **Personal Protective Equipment (PPE):**
 - **Gloves:** Wear chemical-resistant gloves.
 - **Eye/Face Protection:** Wear safety glasses or chemical splash goggles.
 - **Respiratory Protection:** Not normally required under normal conditions with adequate ventilation. If vapor or mist exposure is possible or ventilation is inadequate, use appropriate respiratory protection.
 - **Skin/Body:** Wear protective clothing as needed to prevent repeated or prolonged skin contact.
- **Exposure Limits Table:**

| Component | OSHA PEL | ACGIH TLV | NIOSH REL |
|--------------------|--------------------------------------|---------------------------|---|
| Methanol (67-56-1) | 200 ppm (260 mg/m ³) TWA | 200 ppm TWA; 250 ppm STEL | 200 ppm (260 mg/m ³) TWA; 250 ppm (325 mg/m ³) STEL |

Section 9: Physical and Chemical Properties

- **Appearance:** Liquid; Opaque deep pink solution.
- **Odor:** Cucumber fragrance with alcohol note.
- **Odor Threshold:** Detectable at low vapor concentration.
- **pH:** 7.53.
- **Melting Point/Freezing Point:** Near 32°F; may be depressed by methanol content.
- **Initial Boiling Point/Boiling Range:** 198°F.

- **Flash Point:** 115°F.
- **Evaporation Rate:** <1.
- **Flammability:** Combustible liquid.
- **Upper/Lower Flammability or Explosive Limits:** LEL: 6%; UEL: 36%.
- **Vapor Pressure:** 64.4 mm Hg @ 71°F.
- **Vapor Density:** 1.10; heavier than air.
- **Relative Density/Specific Gravity:** 0.969 g/mL @ 74°F.
- **Solubility(ies):** Soluble in water.
- **Partition Coefficient: n-octanol/water:** Low; water-methanol phase remains dominant.
- **Auto-ignition Temperature:** ~867°F, driven by methanol.
- **Decomposition Temperature:** May decompose under high heat or fire.
- **Viscosity:** Low; thin liquid.

Section 10: Stability and Reactivity

- **Reactivity:** Flammable liquid and vapor.
- **Chemical Stability:** Stable under normal conditions.
- **Hazardous Reactions:** Hazardous polymerization will not occur. No dangerous reactions are expected under normal conditions.
- **Conditions to be Avoided:** Heat, sparks, open flame, hot surfaces, and other ignition sources.
- **Incompatible Materials:** Strong oxidizers. Strong acids. Strong bases.
- **Hazardous Decomposition:** Thermal decomposition may produce carbon oxides and irritating organic fumes.

Section 11: Toxicological Information

- **Likely Routes of Exposure:** Inhalation, eye contact, skin contact, ingestion.
- **Chronic Effects:** Repeated or prolonged exposure may affect the central nervous system. Significant methanol exposure may also increase risk of visual or systemic toxic effects.
- **Acute Toxicity (LD50 & LC50):**
 - **Methanol:** Oral LD50 (rat) approximately 5,628 mg/kg; Inhalation LC50 (rat, 4 hr) approximately 64,000 ppm.
- **Symptoms/Effect:** May cause headache, dizziness, drowsiness, nausea, and central nervous system effects. Significant methanol exposure may cause delayed visual disturbances and metabolic effects.
- **Regulatory Listings:**
 - **NTP:** No ingredient in this product is listed as a carcinogen.
 - **IARC:** No ingredient in this product is listed as a carcinogen.
 - **OSHA:** No ingredient in this product is listed as a carcinogen.

Section 12: Ecological Information

- **Ecotoxicity:** Not available.
- **Persistence/Degradability:** Not available.
- **Bioaccumulation Potential:** Kow: -0.77 (methanol); BCF: Low bioaccumulation potential is expected. Methanol has a low log Kow and reported BCF values below 10.
- **Mobility in Soil:** Methanol is expected to be mobile in the environment.
- **Other Adverse Effects:** Avoid uncontrolled environmental release. Large releases may adversely affect the surrounding environment.

Section 13: Disposal Considerations

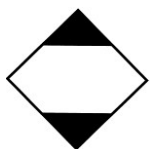
- Dispose of in accordance with federal, state, and local regulations.
- Empty containers must not be reused or recycled. Dispose of bottles and residual product in accordance with regulations.
- **Recommended Methods:** Incineration or chemical waste landfill.

Section 14: Transport Information

DOT (Ground Transport): Not regulated

Notes: Limited Quantity: YES (Permitted for small packaging)

Labels: Limited Quantity



IMDG (Ocean Transport):

UN#: UN1993

UN Proper Shipping Name: Flammable liquid, n.o.s. (Methanol, Formaldehyde)

Transport Hazard Classes: 3

Packing Group Number: III

Environmental Hazards: Marine Pollutant: No

Notes: Limited Quantity: YES (Permitted for small packaging)

Labels: Limited Quantity; Flammable Liquid (Class 3)



IATA (Air Transport):

UN#: UN1993

UN Proper Shipping Name: Flammable liquid, n.o.s. (Methanol, Formaldehyde)

Transport Hazard Classes: 3

Packing Group Number: III

Environmental Hazards: Marine Pollutant: No

Notes: Limited Quantity: YES (Permitted for small packaging)

Labels: Limited Quantity; Flammable Liquid (Class 3)



Section 15: Regulatory Information

TSCA List: Chemical substances are subject to TSCA inventory requirements for commercial use.

EPCRA – Emergency Planning & Community Right-to-Know: Methanol is regulated under EPCRA/CERCLA reporting programs.

CERCLA Reportable Quantity: Methanol has a CERCLA RQ of 5,000 lb; product-level release reporting depends on the amount released.

SARA 302: No Section 302 Extremely Hazardous Substance is present.

SARA 304 Extremely Hazardous Substances Reportable Quantity: No Section 304 EHS RQ applies.

SARA 311/312: Fire hazard; acute toxicity; specific target organ toxicity.

SARA 313: Methanol is subject to EPCRA Section 313 reporting when facility thresholds are met.

California Prop 65: Methanol is listed for developmental toxicity.

US State Regulations: Methanol appears on state right-to-know lists, including Massachusetts, New Jersey, Pennsylvania, and Rhode Island.

Other Regulations: Regulated under OSHA Hazard Communication, TSCA, EPCRA, CERCLA, California Proposition 65, and applicable state chemical reporting 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) Revision 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.

Safety Data Sheet: Cosmo Dye (PW0400000;100)

Hazardous Material Information System III (USA)

Health: 2
Flammability: 2
Physical Hazards: 0
Personal Protection: B

National Fire Protection Association (USA)

Health: 2
Flammability: 2
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).

Prepared by:

Pierce Companies Regulatory Department

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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.*