



SECTION 1 - Product Information

Product Identifier: Zynolyte Fluorescent Sprays

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|--------------|---------------------|
| Z1415 Blue | Z1419 Red-Orange |
| Z1416 Green | Z1420 Yellow-Orange |
| Z1417 Yellow | Z1421 Hot Pink |
| Z1418 Red | Z1422 Orange |

Product Use: Decorative Coating

Manufacturer's Name: Aervoe Industries Inc.

Address: 1198 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

Preparation Date: April 21, 2008

SECTION 2 - Hazardous Ingredients

| Hazardous Ingredients | Weight % | CAS Number | LD ₅₀ of Ingredient (species & route) | LC ₅₀ of Ingredient (species) |
|--|----------|------------|--|--|
| n-Butyl Acetate | 15 - 40 | 123-86-4 | N / AV | N / AV |
| Propane | 10 - 30 | 74-98-6 | N / AV | N / AV |
| Solvent Naphtha (Petroleum), Light Aliphatic | 7 - 13 | 64742-89-8 | > 2000 mg / kg (Rat-Dermal) | > 5000 ppm / 1 hr (Rat) |
| n-Butane | 3 - 7 | 106-97-8 | N / AV | N / AV |
| Propylene Glycol Methyl Ether Acetate | 3 - 7 | 108-65-6 | N / AV | N / AV |
| Isobutane | 1 - 5 | 75-28-5 | N / AV | 57 pph / 15 min (Rat) |

SECTION 3 - Physical Data

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| Physical State: Aerosol | Specific Gravity: 0.8 | Evaporation Rate: Faster than n-Butyl Acetate |
| Boiling Point: N / AP | Freezing Point: N / AV | pH: N / AP |
| Vapor Density (air = 1): Heavier than air | | Vapor Pressure (psig): |
| Odor and Appearance: Opaque with a hydrocarbon odor | | Odor Threshold (ppm): N / AV |
| Coefficient of Water/Oil Distribution: N / AV | | |

SECTION 4 - Fire and Explosion Data

Flammability: Yes - Flammable aerosol under conditions of sparks, flame, or excessive heat.**Means of Extinction:** *Extinguishing Media* - Carbon dioxide, foam, dry chemical. *Firefighting Procedures* - Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.**Flashpoint:** < 0° F (-18° C) **Method Used:** Estimated **Flammable Limits - LFL:** 0.7% **UFL:** 9.0%**Autoignition Temperature:** N / AV **Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.**Explosion Data - Sensitivity to Mechanical Impact:** No **Explosion Data - Sensitivity to Static Discharge:** No

SECTION 5 - Reactivity Data

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| Chemical Stability: Stable | Incompatibility with Other Substances: Strong oxidizing agents. |
| Reactivity & Conditions: None | Hazardous Decomposition Products: None |

NOTE: N / AP = Not Applicable N / AV = Not Available

SECTION 6 - Toxicological Properties

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation**Effects of Acute Exposure to Product:***Skin Contact* - Irritation.*Eye Contact* - Irritation.*Inhalation* - Irritation. May cause dizziness, light-headedness and / or headaches.**Effects of Chronic Exposure to Product:** Dermatitis.**Exposure Limits (TLV):**

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|--|---|
| n-Butyl Acetate | 150 ppm TWA and 200 ppm STEL - ACGIH 2005 |
| Propane | 2500 ppm TWA - ACGIH 2005 |
| Solvent Naphtha (Petroleum), Light Aliphatic | N / AV - ACGIH 2005 |
| Propylene Glycol Methyl Ether Acetate | N / AV - ACGIH 2005 |
| n-Butane | 800 ppm TWA - ACGIH 2005 |
| Isobutane | N / AV - ACGIH 2005 |

Irritancy: Skin, eyes, and respiratory tract.**Sensitization:** N / AV**Carcinogenicity:** The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.**Reproductive Toxicity:** N / AV **Teratogenicity:** N / AV **Mutagenicity:** N / AV **Synergistic Products:** N / AV

SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No
Skin Protection - Chemical resistant gloves such as Neoprene or Nitrile rubber.*Respiratory Protection* - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

Eye Protection - Safety glasses or goggles.**Engineering Controls:** General ventilation to maintain exposure limits below TLV's as defined in Section 6.**Leak and Spill Procedure:** Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.**Waste Disposal:** Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.**Handling Procedures and Equipment:** Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.**Storage Requirements:** Do not store near heat, sparks, flame or above 120° F (49° C).**Special Shipping Information:** Consumer Commodity ORM-D.

SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.**Ingestion:** Do NOT induce vomiting, drink plenty of water, seek medical attention.**Skin Contact:** Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.**Eye Contact:** Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

SECTION 9 - Preparation Information

Prepared by: Technical Department

Telephone Number: 775-782-0100

Preparation Date: 4-21-2008

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