



SECTION 1 - Product Information

Product Identifier: Zynolyte Fluorescent Sprays

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: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

Preparation Date: February 16, 2011

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

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

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):

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: 775-783-3100

Preparation Date: 2-16-2011

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