

Gloucester

MATERIAL SAFETY DATA SHEET

FJC, Inc.
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Emergency Telephone No.
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R134A Dye
4910 Change

SECTION I - PRODUCT INFORMATION

Chemical Family: Synthetic Organic Colorant	Trade Name: AC Universal Dye (Part # 4914, 4916, 4917, 4918)
CAS Nos. Mixture	

SECTION II - HAZARDOUS INGREDIENTS

Component Name	%	Exposure Limits			
		TLV		PEL	
None know at this time		ppm	mg/m3	ppm	mg/m3

SECTION III - PHYSICAL DATA

Boiling/Melting Point °F/°C	400 °C	Wgt Per Gallon	8.44 lbs
Vapor Pressure (mm Hg)	N/A	% Volatile	Not Volatile
Liquid Density	Heavier than Water	Evaporation Rate (-1)	Not Volatile
Appearance and Odor: Brown, no odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None	Flammable Limits: NA
Extinguishing Media: Based on the NFPA guide, use dry chemical, water or other extinguishing agent suitable for Class A fires. For large fires, use water spray or fog, thoroughly drenching the burning material. Foam, Carbon dioxide, or dry chemical.	
Special Fire Fighting Procedures: Clear area of personnel. Approach upwind. Wear self contained breathing apparatus.	
Unusual Fire and Explosion Hazards: Exposure to heat will produce irritating vapors. Isolate from heat, electrical equipment, sparks and open flame, closed containers may explode with subject to high heat.	

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value and Sources: Not Determined
Acute Effects of Overexposure: Not Determined
Emergency and First Aid Procedure
Swallowing: Do not induce vomiting, give water and call a physician.
Skin: Practice good industrial hygiene, wash with soap and water.
Inhalation: Remove to fresh air. Treat symptoms. Call a physician.
Eyes: Flush with water for at least 15 min. while holding eyelids open.

SECTION VI - ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Rating: Health = 1 Fire = 1 Reactivity = 0
This product does not contain any chemicals that are listed as causing cancer in the National Toxicology Program's Annual Report, the International Agency for Cancer Research's

Monographs, and OSHA's 1910.10 Subpart Z List.

This product does not contain any of the chemicals that are listed on the State of California's Proposition 65 List as cancer causing agent or potential reproductive toxins.

This product does not contain greater than 1% of any of the chemicals listed on the EPA's SARA Title III Section 302, 304 & 313 lists. All components used in the formulation of this product are on the US TSCA Inventory.

SECTION VII - REACTIVITY DATA

<u>Stability:</u>			
<u>Unstable</u>	<u>Stable</u> XX	<u>Conditions to Avoid</u>	<u>Avoid contact with strong oxidizers & Avoid High temperatures</u>
<u>Incompatibility (materials to avoid):</u>			
<u>Hazardous Decomposition Products:</u> The fumes and smoke released contain oxides of carbon and nitrogen which are highly toxic. Do not breath smoke or fumes. Wear suitable protective equipment.			
<u>May Occur</u>	<u>Will Not Occur</u>	<u>Conditions To Avoid</u>	
	XX		

SECTION VIII - SPILL OR LEAK PROCEDURES

Environmental Impact:

Procedures To Be Taken If Material Is Released or Spilled: Contain with absorbent material such as clay, soil or any commercially available absorbent. Shovel into recovery or salvage drums for disposal. Dike to prevent spread or entry to sewer.

Waste Disposal Methods: Incinerate or landfill in accordance with local, state, and federal regulations. This product contains no hazardous ingredients as defined by OSHA 29 CFR 1910.1200. All components of this product are listed or are excluded from listing, on the US Toxic Substances Control Act (TSCA) 8(b) inventory. This product contains no ingredients covered by the Clean Water Act. This product contains no ingredients regulated by the Clean Air Act. This product contains no constituent heavy metals. This product is not regulated by DOT.

SECTION IX - SPECIAL PROTECTION INFORMATION

Respiratory Protection: If it is possible to generate significant levels of mists, a NIOSH approved or equivalent respirator is recommended.

Ventilation: General ventilation is recommended. Additional local ventilation is recommended where mists may be released.

Eye Protection: Glasses or goggles are recommended.

Protective Clothing: Impervious gloves.

SECTION X - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Avoid High Temperature

Special Comments:

Although the information and recommendations set forth herein (hereafter referred to as information) are presented in good faith and believed to be accurate and factual as of the date hereof, FJC, Inc. makes no representation as to the completeness or accuracy thereof. Information is supplied upon the condition that the person receiving the same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will FJC, Inc. be responsible for damages of any nature whatsoever resulting from the use or reliance upon information. No representation or warranty, either expressed or implied, of merchantability or fitness for a particular purpose is made with respect to information of the product to which the information refers.