



Universal A/C Dye

1. Product and Company Identification

Supplier Name: FJC Address: 101 Commercial Drive Mooresville, NC 28115 USA Substance Name: Universal A/C Dye Product: # 4910, #4914, #4916, #4917, #4918 Creation Date: 1-2009 Revision date: 5/28/2015	Telephone: 704-664-3587 Transportation Emergences: Infotrac 1-800-535-5053 Outside the US 1-352-323-5000 Contact: 704.664.3587
---	--

2. Hazards Identification

	Health	Environmental		Physical	
Acute	Not applicable	Acute	Not		
Toxicity: Skin	May cause irritation	Toxicity: Chronic	Not applicable		
Irritation: Skin	Not applicable	Toxicity:	applicable		
Sensitization:					

Eye: May cause irritation

Hazard Statements:	Precautionary Statements:
None Required	None Required

3. Composition/Information on Ingredients

Chemical Name	Cas #	ENCIS #	Reach	Concentration
			Registered	% Weight
Propriety				5-18 %
Propriety				82-95%

4. First Aid Measures

Inhalation:	Move from the exposed area immediately, supply artificial respiration if necessary. Seek medical attention immediately.
Skin Contact:	Flush skin with tempered water for at least 15 minutes. Seek medical attention immediately.
Eye Contact:	Flush eyes with tempered water for at least 15 minutes. Seek medical attention immediately.
Ingestion:	Treat based on the symptoms Seek medical attention immediately.
Notes for Doctor:	There are no antidotes for this material, treatment is based on symptoms.

Universal A/C Dye

5. Fire Fighting Measures	
Extinguishing Media:	In case of fire use powder fire extinguishers, CO ₂ can be used water or fog can be used for a blaze.
Special Hazards:	Use normal firefighting procedures.
Harmful Combustion Products:	Carbon Monoxide and Carbon Dioxide will be formed as a bi-product of combustion.

6. Accidental Release Measures	
Personal Protection Equipment:	Impervious gloves, safety glasses, and air supplied breathing apparatus in high concentrations
Non Emergency Personnel:	Leave the immediate area
Emergency Responders:	Ventilate the area Impervious gloves, safety glasses, and air supplied breathing apparatus
Environmental Precautions:	Keep away for heat, sparks and open flames
Methods & Materials for Containment/Cleanup:	Flush the area with water, ventilate with large volumes of outside air avoid generation of sparks, heat or flames
Containment:	None applicable None
Cleanup:	applicable
Other information:	Keep away from heat, sparks and flames
Reference to other Sections:	See section 7 for safe handling precautions and personal protective equipment.

7. Handling and Storage	
Precautions for Safe Handling:	Protect from Sunlight, store in well-ventilated place
Protective Measures:	Store in cabinet
Fire Prevention:	Keep away for heat, sparks and flames
Aerosol & Dust Generation Prevention:	Non applicable
Environmental Prevention:	No data available
Safe Storage:	Store in clean dry area avoid heat, sparks and flames do not store in direct sun light
Special End Use:	Dye for A/C equipment

Universal A/C Dye

8. Exposure Controls/Personal Protection	
Exposure Controls:	Use only in well ventilated area. Follow all manufactures instructions
Engineering Controls:	Mechanical ventilation and other electrical equipment should be explosion proof
Personal Protection Equipment:	Under normal use no personal protective equipment required for accidental release see section 6
Eye and Face Protection:	Safety glasses should be used whenever handling chemicals
Skin Protection:	Impervious gloves to protect from the cold
Respiratory Protection:	In areas of high concentration/accidental releases use air supplied breathing apparatus
Thermal Hazards:	Non Applicable
Environmental Exposure Controls:	Do not puncture container, avoid areas where heat, sparks and flames are possible be causes of ignition sources.

9. Physical and Chemical Properties		
Component	Propriety	Propriety
Appearance:	Yellow Liquid	Brown Liquid
Odor:	Non Applicable	Non Applicable
Odor Threshold:	Non Applicable	Non Applicable
pH:	Non Applicable	Non Applicable
Melting Point/Freezing Point:	Non Applicable	Non Applicable
Initial Boiling Point:	400° C	400° C
Evaporation Rate:	Non Applicable	Non Applicable
Flammability:	Non Applicable	Non Applicable
Flash point Closed Cup	Non Applicable	Non Applicable
Upper/Lower Flammability/Explosive:	Non Applicable	Non Applicable
Vapor Pressure: psia@ 70° C	Non Applicable	Non Applicable
Vapor Density: Air =1	Non Applicable	Non Applicable
Specific Gravity: H2O= 1 @ 20° C	Non Applicable	Non Applicable
Density:	8.44 Lbs/gal	8.44 Lbs/gal
Solubility:	Non Applicable	Non Applicable
Auto-Ignition Temperature:	Non Applicable	Non Applicable
Decomposition Temperature:	Non Applicable	Non Applicable

Universal A/C Dye

10. Stability and Reactivity	
Reactivity:	Stable at normal temperature and pressure
Chemical Stability:	No reaction No
Possibility of Hazardous Reactions:	reaction
Conditions to Avoid:	Avoid contact with heat, flame, sparks or other sources of ignition
Incompatible Materials:	Avoid contact with strong oxidizing agents,
Hazardous Decomposition Products:	Products of combustion may contain Carbon Monoxide and Carbon Dioxide.
Storage:	Store in well ventilated place keep cool

11. Toxicological Information	
Acute Toxicity:	No toxicity by inhalation
Skin Corrosion/Irritation:	May cause irritation
Serious Eye Damage:	May cause irritation
Respiratory or Skin Sensitization:	Material is not a sensitization agent
Germ Cell Mutagenicity:	Non applicable
Carcinogenicity:	No data available No
Reproductive Toxicity:	data available
STOT Single Exposure:	May cause drowsiness or dizziness, headache, difficulty breathing, loss of consciousness
STOT Repeated Exposure:	No affects
Aspiration Hazard:	May cause irritation

12. Ecological Information	
Toxicity:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available No
Results of PBT/vPvB Assessment:	data available
Other Adverse effects:	No data available

Universal A/C Dye

13. Disposal Considerations	
Waste Treatment Methods:	Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport Information	
Air:	Non regulated
Land:	Non regulated Non
Sea:	regulated
Notes	

15. Regulatory Information	
Precautionary Label Information:	None
Symbols:	None None
Risk Phrases:	None
Safety Phrases:	

16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither FJC assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. In no event shall FJC or any of its subsidiaries be liable for any special, incidental or consequential damages