

**Universal A/C Dye**

**1. Product and Company Identification**

Supplier Name: FJC  
 Address: 101 Commercial Drive  
 Mooresville, NC 28115  
 USA

**Telephone: 704-664-3587**  
 Transportation Emergencies: Infotrac  
 1-800-535-5053 Outside the US 1-352-323-5000

Substance Name:  
**Universal A/C Dye**  
 Product: # 4910, #4914, #4916, #4917, #4918, #4910D, #4914D  
 Creation Date: 1-2009  
 Revision date: 5/28/2015  
 Revision date: 03-Jan-2023

**2. Hazards Identification**

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

Hazard Statements:  
 None Required

Precautionary Statements:  
 None Required

**3. Composition/Information on Ingredients**

Chemical Name	Cas #	ENCIS #	Reach Registered	Concentration % 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.

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### 5. Fire Fighting Measures

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

### 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
Cleanup:	None 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

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### 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 Non
Odor Threshold:	Non Applicable	Applicable Non
pH:	Non Applicable	Applicable Non
Melting Point/Freezing Point:	Non Applicable	Applicable
Initial Boiling Point:	400° C	400° C
Evaporation Rate:	Non Applicable	Non Applicable Non
Flammability:	Non Applicable	Applicable Non
Flash point Closed Cup Upper/Lower	Non Applicable	Applicable Non
Flammability/Explosive:	Non Applicable	Applicable
Vapor Pressure: psia@ 70° C	Non Applicable	Non Applicable
Vapor Density: Air =1	Non Applicable	Non Applicable Non
Specific Gravity: H2O= 1 @ 20° C	Non Applicable	Applicable
Density:	8.44 Lbs/gal	8.44 Lbs/gal
Solubility:	Non Applicable	Non Applicable Non
Auto-Ignition Temperature:	Non Applicable	Applicable
Decomposition Temperature:	Non Applicable	Non Applicable

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### 10. Stability and Reactivity

Reactivity:	Stable at normal temperature and pressure
Chemical Stability:	No reaction
Possibility of Hazardous Reactions:	No 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	May cause irritation
Corrosion/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
Reproductive Toxicity:	No data available
STOT Single Exposure:	May cause drowsiness or dizziness, headache, difficulty breathing, loss of consciousness
STOT Repeated Exposure:	No effects
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
Results of PBT/vPvB Assessment:	No data available
Other Adverse effects:	No data available

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### 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 regulated  
Sea: regulated  
Notes

### 15. Regulatory Information

Precautionary Label Information: None  
Symbols: None None  
Risk Phrases: None  
Safety Phrases:

### 16. Other Information

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