



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
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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 #	Ingredients	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.

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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

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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
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

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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

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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
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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