



Air Conditioning Products
Tools, Equipment & Refrigerant

SAFETY DATA SHEET

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
for R-1234yf

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

Product: # 6810, 6814
Creation Date: 1-2018
Revision Date: 3/28/2018
Review Date: 03-Jan-2019

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%

Inhalation:

Skin Contact:

Eye Contact:

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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:	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	Non applicable
Mutagenicity:	
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
Sea: Non regulated
Notes

15. Regulatory Information

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

16. Other Information

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