



# SAFETY DATA SHEET

## **Air Conditioning Products Tools and Equipment**

Issue Date 01-Jan-2009

Revision Date 28-May-2015

Version 1

### **Section 1. IDENTIFICATION**

Product Name: DYE ESTERCOOL OIL

Product # 2443-2445-2447-2449

Product Use : LUBRICANT WITH DYE FOR AUTOMOTIVE AIR CONDITIONING

Supplier: FJC INC.

101 Commercial Drive  
 Mooresville, NC 28115

PH: 704-664-3587

FAX: 704-664-5522

For 24hr Chemical Emergency,  
Spill, Leak, Fire Exposure,

or Accident Call:

INFOTRAC 1-352-323-3500 or

1-800-535-5053

### **Section 2. HAZARD IDENTIFICATION**

**CLASSIFICATION : SKIN IRRITATION / CATEGORY 2  
EYE IRRITATION / CATEGORY 2**

**SIGNAL WORD : WARNING**



**HAZARD STATEMENTS:** CAUSES SKIN AND EYE IRRITATION

**PREVENTION:** WEAR PROTECTIVE GLOVES / PROTECTIVE CLOTHING /  
EYE PROTECTION / FACE PROTECTION..

**RESPONSE: IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL  
MINUTES. IF IRRITATION PERSISTS: GET MEDICAL ADVICE / ATTENTION.

**IF ON SKIN:** WASH WITH PLENTY OF SOAP AND WATER . IF  
SKIN IRRITATION OCCURS . GET MEDICAL ADVICE / ATTENTION.

**Section 3.****COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME	Weight %
POLYOL ESTER	100

PROPRIETARY BLEND OF SYNTHESIZED & NATURAL INGREDIENTS

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): NONE

Exposure Limits 8. Hours TWA (PPM)

OSHA PEL ACGIG TLV Supplier

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**Section 4.****FIRST AID MEASURES**

Inhalation: Move to fresh air and contact a physician if necessary.

Eye Contact: Flush eyes with large amounts of water for 15 minutes or until irritation subside. If irritation persists, get medical attention.

Skin Contact: Wash with soap and water.

Ingestion: Rinse mouth, drink plenty of water. Seek medical attention

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**Section 5.****FIRE FIGHTING MEASURES**

Flash Point & Method: None, T.C.C.

Flammable Limits: LEL: NA UEL: NA

Autoignition Temperature: NA

GENERAL HAZARD:

None

FIRE FIGHTING INSTRUCTIONS:

Water spray, Carbon dioxide.

FIRE FIGHTING EQUIPMENT:

Self contained breathing apparatus pressure- demand and full protective gear.

HAZARDOUS COMBUSTION PRODUCTS:

NONE

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**Section 6.****ACCIDENTAL RELEASE MEASURES**

Land spill:

Pick up and place in appropriate container.

Water spill:

NA

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**Section 7.****HANDLING AND STORAGE**

Storage Temperatures: Ambient

Storage Pressure: Atmospheric

General: Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10). Follow all SDS sheet and Label warnings even after container is emptied.

**Section 8.****EXPOSURE CONTROL / PERSONAL PROTECTION**

Engineering Controls:

- Local Exhaust ventilation acceptable
- Mechanical ventilation recommended
- Use explosion – proof ventilation equipment.
- Do not use in confined space without mechanical ventilation equipment.

See section 2 for component exposure guidelines.

Personal Protection:

RESPIRATOR:

NA

HAND PROTECTION:

- Gloves Recommended
  - Solvex                       Neoprene
  - Butyl                          Buna
  - Natural Latex              Cotton/Jersey

EYE PROTECTION:

- Safety Glasses     Chemical Goggles              Full Face Shield

OTHER RECOMMENDATIONS:

- Rubber Boots         Splash-Proof chemical resistant suit/apron

**Section 9.****PHYSICAL AND CHEMICAL PROPERTIES**

Specific gravity.....0.89  
 pH.....N/A  
 Physical State.....liquid  
 Solubility in Water.....Insoluble  
 Solubility in other solvents.....Not Determined  
 Molecular Weight.....NA (mixture)  
 Odor.....mild

Odor Threshold.....Not Determined  
Appearance:..... light green  
Color.....light green  
Melting point/Freezing Point.....Not Determined  
Boiling Point/Boiling Range.....Not Determined  
Flash Point.....> 266°F.  
Evaporation Rate.....< 1 ( vs. n-Butyl Acetate=1)  
Flammability(Solid, Gas).....N/A  
Upper Flammability Limits.....N/A  
Lower Flammability Limits.....N/A  
Vapor Pressure.....2 mmHg@20° C. (Approximate)  
Vapor Density.....(Air=1) : >1  
Partition Coefficient.....(n-Octanol/water): Not Determined  
Autoignition Temperature .....No data available  
Decomposition Temperature.....No data available  
Kinematic Viscosity.....No data available  
Dynamic Viscosity.....No data available  
Explosive Properties.....No data available  
Oxidizing Properties.....No data available  
VOC Content.....Not applicable

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**Section 10. STABILITY AND REACTIVITY**

GENERAL:  
STABLE

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:  
None  
None

HAZARDOUS DECOMPOSITION:  
NONE.

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**Section 11. TOXICOLOGY INFORMATION**

RESULTS OF COMPONENT TOXICITY TEST PERFORMED:  
Information not available.

HUMAN EXPERIENCE:  
Information not available.

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**Section 12. ECOLOGICAL INFORMATION**

FURTHER INFORMATION:  
Information not available.

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**Section 13. DISPOSAL CONSIDERATIONS**

RCRA 40 CFR 261 Classifications:

Federal, State, and Local laws governing disposal of material can differ.  
Ensure proper disposal compliance with proper authorities before disposal.

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**Section 14. TRANSPORTATION INFORMATION**

U.S. DOT Information

Basic Description: NON HAZARDOUS MATERIAL

IATA

Proper Shipping Name: NON HAZARDOUS MATERIAL

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**Section 15. REGULATORY INFORMATION**

UNITED STATES FEDERAL REGULATIONS:

SDS complies with OSHA's Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/SUPERFUND, 40 CFR 117, 302:

---None of the chemicals are Section 302 hazards ---

SARA SUPERFUND AND REAUTHORIZATION ACT OF 1986

TITLE III Sections 302, 311,312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355):

---None of the chemicals are Section 302 hazards ---

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370):

- By our hazard evaluation, this product is non-hazardous.
- By our hazard evaluation, this product is hazardous. It should be reported under the following EPA hazard.
  - Immediate (acute) health hazard
  - Delayed (chronic) health hazard
  - Sudden release of pressure hazard
  - Reactive hazard

Section 313 – List of Toxic Chemicals (40CFR 372):

This product contains the following chemicals ( at level of 1% or greater) which are found on the 313 list of Toxic Chemicals.

Chemical	C.A.S. NUMBER	WEIGHT %
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---None of the chemicals are Section 313 hazards ---

TOXIC SUBSTANCE CONTROL ACT (TSCA): All substances are TSCA listed.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA 40 CFR 261) Subpart C & D: Refer to Section 11. for RCRA classification.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15-(FORMERLY SECTION 307), 40 CFR 116 (FOMERLY SECTION 311)

This product contains the following chemicals which are listed:

CHEMICAL	C.A.S. NUMBER	WEIGHT %
NONE		

CLEAN AIR ACT: --- No Information ---

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

This product contains the following ingredients which appear on the California proposition 65 list:

CHEMICAL	C.A.S. Number	Weight%
--- None of the chemicals are on the Proposition 65 list---		

INTERNATIONAL REGULATIONS:

CANADA WHIMS: NIF

EUROPE EINECS NUMBERS: NIF

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## Sections 16. OTHER INFORMATION

### HAZARD RATING

NFPA: ( 0 ) Fire ( 1 ) Health ( 0 ) Reactivity  
HMIS ( 0 ) Fire ( 1 ) Health ( 0 ) Reactivity

REVISION DATES, SECTIONS, REVISED BY:

10/16/02, Original release date  
05/21/15 Reviewed

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

REFERENCES:

Code of Federal Regulations (CFR)  
The Sigma-Aldrich Library of Regulatory and Safety Data  
Chemical Guide and OSHA Hazardous Communication Standard

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Revision Note	New format

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

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