



Air Conditioning Products
Tools, Equipment & Refrigerant

SAFETY DATA SHEET

Issue Date 01-Jan-2009

Revision Date 03-Jun-2023

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
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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

[Type here]

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): NONE
Exposure Limits 8. Hours TWA (PPM)
OSHA PEL ACGIG TLV Supplier

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 subsides. If irritation persists, get medical attention.

Skin Contact: Wash with soap and water.

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

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

Section 6. ACCIDENTAL RELEASE MEASURES

Land spill:

Pick up and place in appropriate container.

Water spill:

NA

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

[Type here]

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
 - Butyl
 - Natural Latex
 - Neoprene
 - Buna
 - 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)

[Type here]

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 TemperatureNo 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

Section 10. STABILITY AND REACTIVITY

GENERAL:
STABLE

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
None
None

HAZARDOUS DECOMPOSITION:
NONE.

Section 11. TOXICOLOGY INFORMATION

RESULTS OF COMPONENT TOXICITY TEST PERFORMED:
Information not available.

HUMAN EXPERIENCE:
Information not available.

Section 12. ECOLOGICAL INFORMATION

FURTHER INFORMATION:
Information not available.

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.

[Type here]

Section 14. TRANSPORTATION INFORMATION

U.S. DOT Information

Basic Description: NON HAZARDOUS MATERIAL

IATA

Proper Shipping Name: NON HAZARDOUS MATERIAL

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):

- (X) 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)

[Type here]

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

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

Issue Date	01-Jan-2009
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Revision Note	New format
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Disclaimer

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End of Safety Data Sheet