

Section 1. IDENTIFICATION

Product Name: ESTERCOOL OIL
Product # 2408-2432-2439-2455
Product Use : LUBRICANT 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

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

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 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 amber
Color.....light amber
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 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.

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 OSHAs 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 % |
|----------|---------------|----------|
|----------|---------------|----------|

---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

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 |
| Revision Date | 28-May-2015 |
| Revision Note | New format |
| Revision Date | 03-Jan-2019 |

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