



Safety Data Sheet ZEROL® ESTER 85H

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade Name: ZEROL® ESTER 85H

Revision Date:

7/22/2021

1.2 Other Means of Identification

Product Code: #2452

1.3 Relevant identified uses of the substance or mixture and uses advised against

None known.

1.4 Details of the supplier of the safety data sheet

FJC Air Conditioning Products

207 Talbert Pointe Drive
Mooresville, NC, 28117 US

phone: (704) 664-3587 Customer Service

e-mail: admin@fjcinc.com

website: www.fjcinc.com

1.5 Emergency telephone number

INFOTRAC: 24-Hour Number 1-800-535-5053 (US) or
1-352-323-3500 (International)

Poison Control: 1-800-222-1222 (USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Reproductive Toxicity, Category 2

Skin Sensitisation, Category 1

2.2 Label elements



Signal Word

Warning

Hazard Statements

H317-May cause an allergic skin reaction.

H361-Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention

P201-Obtain special instructions before use.

P202-Do not handle until all safety precautions have been read and understood.

P261-Avoid breathing dust/fume/gas/mist/vapors/spray.

P264-Wash skin thoroughly after handling.

P272-Contaminated work clothing should not be allowed out of the workplace.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

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P302+P352-IF ON SKIN: wash with plenty of water.

P308+P313-IF exposed or concerned: Get medical attention.

P333+P313-IF SKIN irritation or rash occurs: Get medical attention.

P362-Take off contaminated clothing and wash before reuse.

Storage

P405-Store locked up.

Disposal

P501-Dispose of contents/container to a licensed contractor in accordance with local, state and federal regulations.

2.3 Other hazards

No information available.

2.4 Unknown Acute Toxicity (US)

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical Name	CAS Number	EC #	Concentration % by Weight	Classification
Proprietary	-		-	
Tricresyl Phosphate	1330-78-5		1-5	
2-Ethylhexyl Glycidyl Ether	2461-15-6		0.5-1	
Proprietary	-		-	

Additional Information

Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

No information available.

After inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After skin contact

Take off immediately all contaminated clothing. Rinse skin with water. Consult a physician.

After eye contact

Flush eyes with water as a precaution.

After ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Self-protection of the first aider

No information available.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

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No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3 Advice for firefighters

Use personal protective equipment as required. In the event of fire and/or explosion do not breathe fumes.

Additional Information

In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, organic acids.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

6.2 Environmental precautions

Do not allow into any sewer, on the ground or into any body of water.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

6.4 Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

7.3 Incompatibilities/Specific end uses(s)

Incompatibilities Strong oxidizing agents.

Specific end use(s) No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Engineering Controls/Exposure Controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations



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and safety showers are close to the workstation location.

No information available.

Environmental exposure controls

8.3 Protective Measures

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Other Skin protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Other protection

No information available.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene consideration

Handle in accordance with good industrial hygiene and safety practice.

Thermal hazards

No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value
Density	0.98 g/ml.
Flash Points	>260°C (500°F).
Pour Point	-41°C (-41°F).
State of Matter	No information available.

9.2 Other information

Additional Information

SECTION 10: Stability and Reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid overheating to minimize fume production.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products



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Thermal decomposition can lead to release of irritating and toxic gases and vapors.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Source

Skin contact	No information available.
Eye contact	No information available.
Inhalation	No information available.
Ingestion	No information available.
Symptoms related to characteristics	No information available.
Acute effects	No information available.
Chronic effects	No information available.

Numerical measures of Toxicity

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory sensitization	No information available.
Skin sensitization	Classified as a skin sensitizer.
Carcinogenicity	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA.
Germ cell mutagenicity	No information available.
Reproductive toxicity	Suspected of damaging the unborn child. Suspected of damaging fertility.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeated exposure	No information available.
Aspiration hazard	No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

Tricresyl Phosphate (1330-78-5)

EC50	0.146 mg/l; 48h. Daphnia magna; Statictest.
LC50	0.6 mg/l; 96h. Oncorhynchus mykiss; Static test.

12.2 Persistence and degradability

No information available.



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12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional Information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal

No information available.

Methods of disposal

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport Information

D.O.T/ADR/RID - Ground transportation

14.1 UN number

No information available.

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA.

14.3 Transport hazard class(es)

14.4 Packing group

Air transport (ICAO/IATA)

14.1 UN number

No information available.

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA.

14.3 Transport hazard class(es)

14.4 Packing group

Sea transport (IMDG)

14.1 UN number

No information available.

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA.

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

No information available.



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14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

No information available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment

No information available.

Additional Information

California Prop. 65 Statement: This product does not require a warning under California Prop. 65.

SECTION 16: Other information

Specific Hazard N/A

HMIS Ratings

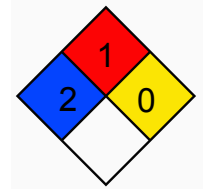
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

2 - Hazardous

1 - Above 200°F

0 - Stable, even under fire conditions and will not re-act with water, etc.

NFPA



The information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the result of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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END OF SAFETY DATA SHEET