



Safety Data Sheet

ZEROL® HD 46

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

1.1 Product Identifier

Trade Name: ZEROL® HD 46

Revision Date: 9/20/22

Created Date: 3/31/21

1.2 Other Means of Identification

Product Code: #2458, #2459

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

In accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin Sensitization, Category 1

Aquatic Chronic, Category 3

2.2 Label elements



Signal Word Warning

Hazard Statements

H317-May cause an allergic skin reaction

H412-Harmful to aquatic life with long lasting effects

Precautionary Statements

Prevention

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

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

P273-Avoid release to the environment.

Response

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

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

Trade Name: ZEROL® HD 46

Product ID: #2458, #2459

Page 1 of 8

SDSID: SDS0039

Revision: 2

Revision Date: 9/20/22



Safety Data Sheet

ZEROL® HD 46

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 ingredient(s)

Chemical Name	CAS Number	EC #	Concentration % by Weight	Classification
BHT	128-37-0		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

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention if symptoms persist.

After skin contact

Immediately rinse skin with plenty of water. If irritation occurs, remove affected clothing. Wash affected clothing separately before reuse.

After eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses if present and continue flushing for at least 15 minutes.

After ingestion

Rinse mouth with water. Seek medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

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



Safety Data Sheet

ZEROL® HD 46

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Dry chemical, CO₂, foam, or water spray.

Unsuitable extinguishing media No information available.

5.2 Special hazards arising from the substance or mixture

This material is not explosive and does not pose an explosion hazard. However, in a fire or if heated to high temperatures, a pressure increase can occur and cause the container to burst. Hazardous combustion products include oxides of carbon, irritating aldehydes, and toxic vapors/fumes.

5.3 Advice for firefighters

In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

Additional Information

Do not use water stream or water jet on fire, but keep adjacent containers cool with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not touch or walk through spilled material. Avoid contact with skin and eyes. Do not breathe vapors. Evacuate area of all non-essential personnel. Use appropriate personal protective equipment.

6.2 Environmental precautions

Prevent contamination of water.

6.3 Methods and material for containment and cleaning up

Small Spills: Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container. Avoid runoff into storm sewers and ditches which lead to waterways.

Large Spills: Shut off leak if safe to do so. Remove all sources of ignition. Contain spill with inert, non-combustible absorbent material. Reclaim into recovery or salvage drums or vacuum truck for proper disposal. Avoid mixing spilled material with other chemicals or debris.

6.4 Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in a well ventilated area. Avoid breathing dust, vapor, mist, gas. Avoid contact with eyes, skin, and clothing. Keep away from heat and flame. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, well-ventilated place away from heat, open flame, or sources of ignition. Store away from incompatible materials (see Section 10).

7.3 Incompatibilities/Specific end uses(s)

Incompatibilities No information available.

Specific end use(s) No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters



Safety Data Sheet

ZEROL® HD 46

8.2 Engineering Controls/Exposure Controls

Engineering controls Provide adequate ventilation. Eye washes and showers for emergency use.
Environmental exposure controls No information available.

8.3 Protective Measures

Eye/face protection Wear safety glasses with side shields (or goggles) or a face shield.
Hand protection No information available.
Other Skin protection Handle with rubber 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 protection Wear protective clothing appropriate to the risk of exposure. Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink, or smoke. Wash hands after handling.
Respiratory protection Under normal conditions, respiratory equipment is not necessary. Wear suitable respiratory equipment if risk of insufficient ventilation or risk of breathing mists or vapors from heated materials.
General hygiene consideration No information available.
Thermal hazards No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value
Appearance	No information available.
Autoignition Temperature	No information available.
Boiling Point	No information available.
Density	0.99 g/ml at 20°C (68°F).
Evaporation Rate	No information available.
Flash Point	> 230°C (446°F).
Melting/Freezing Point	No information available.
Odor Threshold (Detection)	No information available.
Odor	No information available.
Pour Point	< -25°C (13°F).
State of Matter	Liquid.
Vapor Density	No information available.
Vapor Pressure	No information available.
Water Solubility (Qualit.)	No information available.
pH Value	No information available.

9.2 Other information

Additional Information

Viscosity: 46 cSt at 40°C (104°F).
Viscosity: 9.7 cSt at 100°C (212°F).



Safety Data Sheet

ZEROL® HD 46

SECTION 10: Stability and Reactivity

10.1 Reactivity

Not applicable.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Avoid contamination with foreign materials, oxidizing materials, excessive heat, sparks, or open flames.

10.5 Incompatible materials

Strong oxidizers and strong acids.

10.6 Hazardous decomposition products

Decomposition products may include smoke, toxic fumes, oxides of carbon and aldehydes.

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

This product consists of ingredients of unknown acute toxicity.

Chronic effects

No information available.

Numerical measures of Toxicity

No information available.

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory sensitization

No information available.

Skin sensitization

May be sensitizing to skin.

Carcinogenicity

Not listed as a carcinogen.

Germ cell mutagenicity

No information available.

Reproductive toxicity

No information available.

Specific target organ toxicity - single exposure

No information available.

Specific target organ toxicity - repeated exposure

No information available.

Aspiration hazard

Not an aspiration hazard.

SECTION 12: Ecological information

Trade Name: ZEROL® HD 46
SDSID: SDS0039

Product ID: #2458, #2459
Revision: 2

Page 5 of 8
Revision Date: 9/20/22



Safety Data Sheet

ZEROL® HD 46

12.1 Toxicity

This product should be regarded as harmful to aquatic organisms, with the potential to cause long term adverse effects in the aquatic environment.

12.2 Persistence and degradability

Expected to be partially or slowly biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

Insoluble in water.

12.7 Additional Information

Additional Information

Ecotoxicological data have not been determined specifically for this product. The information given below is based on knowledge of the components.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal

No information available.

Methods of disposal

Dispose of contents/container to a licensed contractor or facility in accordance with local, state, and federal regulations. Do not put product, spilled products, or filled or partially filled containers into the trash or waste compactor. Do not allow product to reach sewage system.

Contaminated packaging

Clean container thoroughly and dispose to licensed disposal contractor. Do not weld, cut, or braze empty containers, or allow product residue to come in contact with other sources of ignition as they may contain residue which could ignite.

SECTION 14: Transport Information

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

14.1 UN number

14.2 UN proper shipping name

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

14.3

No information available.

Transport hazard class(es)

Trade Name: ZEROL® HD 46
SDSID: SDS0039

Product ID: #2458, #2459
Revision: 2

Page 6 of 8
Revision Date: 9/20/22



Safety Data Sheet

ZEROL® HD 46

14.4 Packing group	No information available.
Air transport (ICAO/IATA)	
14.1 UN number	
14.2 UN proper shipping name	Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA
14.3 Transport hazard class(es)	No information available.
14.4 Packing group	No information available.
Sea transport (IMDG)	
14.1 UN number	
14.2 UN proper shipping name	Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA
14.3 Transport hazard class(es)	No information available.
14.4 Packing group	No information available.
14.5 Environmental hazards	
	No information available.
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

Massachusetts Right To Know Components

2,6-di-tert-butyl-p-cresol (128-37-0)

New Jersey Right To Know Components

2,6-di-tert-butyl-p-cresol (128-37-0)

Pennsylvania Right To Know Components

2,6-di-tert-butyl-p-cresol (128-37-0)

Country or region	Inventory List	Listed or Exempt (yes/no)
Canada	Canada Domestic Substance List (Canada DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
European Union	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Japanese Existing and New Chemical Substances Inventory (ENCS)	Yes
South Korea	Korea Existing Chemicals Inventory (KECI / KECL)	Yes
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States of America	U.S. - Toxic Substances Control Act (TSCA) - Inventory list	Yes
Vietnam	The Vietnam National Chemicals Inventory (NCI)	Yes



Safety Data Sheet

ZEROL® HD 46

15.2 Chemical Safety Assessment

No information available.

Additional Information

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

SECTION 16: Other Information

Specific Hazard N/A

HMIS Ratings

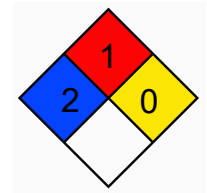
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

2 - Hazardous

1 - Above 200°F

0 - Stable, even under fire conditions and will not react 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.

Revision Date: 9/20/22