



Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

- Material Name** : Rotair Food Grade
Product Use : Compressor oil
Product Code : 0017 5300 08
Manufacturer/Supplier : ICD (International Compressor Distribution) nv,
Boomssesteenweg 957,
2610 Wilrijk, Belgium
Telephone : Please contact your local Service Center or the ICD office in Belgium:
+32 3 870 2111 (8am-5pm CET)
Email Contact for Safety Data Sheet
: If you have any enquiries about the content of this Safety Data Sheet
please email info.lubricants@icdcompany.com
Emergency Telephone Number
: Only for medical related issues, please contact medical service of ICD
in Belgium: +32 3 870 2105 (8am-5pm CET)

2. Hazards identification

2.1 Classification of the substance or mixture

- : This product does not meet the classification requirements of the
current European legislation

Classification according to Regulation (EC) No 1272/2008 as amended.

- : Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC as amended.

- : Not classified

2.2 Label elements according to Regulation (EC) No 1272/2008 as amended

- : not applicable

2.3 Other hazards

- : None identified.

3 Composition/information on ingredients

3.2 Mixtures

Regulation No. 1272/2008.

- : This material has no known hazards under applicable laws.

Directive 67/548/EEC

- : This material has no known hazards under applicable laws.

4 First aid measures

4.1 Description of First Aid Measures

- Inhalation** : Remove exposed person to fresh air if adverse effects are observed.
Eye contact : Any material that contacts the eye should be washed out immediately
with water. If easy to do, remove contact lenses.



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- Skin Contact** : Wash with soap and water. If skin irritation occurs, get medical attention.
- Ingestion** : Treat symptomatically. Get medical attention.
- 4.2 Most important symptoms and effects, both acute and delayed:**
See section 11.
- 4.3 Indication of any immediate medical attention and special treatment needed**
- Hazards** : No data available.
- Treatment** : Treat symptomatically.
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5 Fire fighting measures

- General Fire Hazards**
: No unusual fire or explosion hazards noted.
- 5.1 Extinguishing media**
Suitable extinguishing media
: CO₂, dry chemical, foam, water spray, water fog.
Unsuitable extinguishing media
: Do not use water jet as an extinguisher, as this will spread the fire.
- 5.2 Special hazards arising from the substance or mixture**
: A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information. Water may cause splattering.
- 5.3 Advice for firefighters**
Special fire fighting procedures
: No data available.
Special protective equipment for fire-fighters
: Recommend wearing self-contained breathing apparatus.
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6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
: No data available.
- 6.2 Environmental Precautions**
: Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.
- 6.3 Methods and material for containment and cleaning up**
: Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.
- 6.4 Reference to other sections**
: See sections 8 and 13 for additional information.



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7 Handling and storage

7.1 Precautions for safe handling

- : Do not breathe thermal decomposition products. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Maximum Handling Temperature

- : Not determined.

7.2 Conditions for safe storage, including any incompatibilities

- : Store away from incompatible materials. See section 10 for incompatible materials.

Maximum Storage Temperature

- : Not determined.

7.3 Specific end use(s)

- : End uses are listed in an attached exposure scenario when one is required.

8 Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

- : None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate engineering controls

- : Mechanical ventilation or local exhaust ventilation may be required. No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

General information : Use personal protective equipment as required.

Eye/face protection : If contact is likely, safety glasses with side shields are recommended.

Skin protection

Hand Protection : Suitable gloves can be recommended by the glove supplier. Consult clothing/glove manufacturer to determine appropriate type of glove for given situation. Gloves should always be inspected before each use and discarded if they show tears, pinholes, or signs of wear.

Other : No data available.

Respiratory Protection

- : Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental Controls

- : No data available.
See section 6 for details.



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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid
Form : liquid
Color : Colorless to yellow
Odor : Mild
Odor Threshold : No data available.
pH : No data available.
Freezing point : No data available.
Boiling Point : No data available.
Flash Point : 246.1 °C (Cleveland Open Cup)
Evaporation Rate : No data available.

Flammability (solid, gas)

: No data available.

Upper/lower limit on flammability or explosive limits

Flammability Limit - Upper (%)

: No data available.

Flammability Limit - Lower (%)

: No data available.

Vapor pressure : No data available.

Vapor density (air=1) : No data available.

Relative density : 0.84 (20 °C)

Solubility(ies)

Solubility in Water : Insoluble in water

Solubility (other) : No data available.

Partition coefficient (n-octanol/water)

: No data available.

Autoignition Temperature

: No data available.

Decomposition Temperature

: No data available.

Viscosity : 51 mm²/s (40 °C); 8.2 mm²/s (100 °C)

Explosive properties : No data available.

Oxidizing properties : No data available.

VOC Content : No data available.

9.2 Other information

Bulk density : 6.99 lb/gal

10 Stability and reactivity

10.1 Reactivity : No data available.

10.2 Chemical Stability : Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

: Will not occur.

10.4 Conditions to Avoid : None known.

10.5 Incompatible Materials

: Strong bases. Strong mineral acids and strong oxidizing agents.



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10.6 Hazardous Decomposition Products

: Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

11 Toxicological information

Information on likely routes of exposure

Inhalation : No data available.
Ingestion : No data available.
Skin Contact : No data available.
Eye contact : No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product : Not classified for acute toxicity based on available data.

Dermal

Product : Not classified for acute toxicity based on available data.

Inhalation

Product : Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation:

Product : Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.
Remarks: Not classified as a primary skin irritant.

Serious Eye Damage/Eye Irritation:

Product : Remarks: Not classified as a primary eye irritant.

Respiratory sensitization

: No data available

Skin sensitization:

No data available

Specific Target Organ Toxicity - Single Exposure:

No data available

Aspiration Hazard : No data available

Chronic Effects

Carcinogenicity : No data available

Germ Cell Mutagenicity

No data available

Reproductive toxicity

No data available

Specific Target Organ Toxicity - Repeated Exposure

No data available

12 Ecological information

12.1 Ecotoxicity

Fish : No data available



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- Aquatic Invertebrates**
: No data available
- Toxicity to Aquatic Plants**
: No data available
- Toxicity to soil dwelling organisms**
: No data available
- Sediment Toxicity** : No data available
- Toxicity to Terrestrial Plants**
: No data available
- Toxicity to Above-Ground Organisms**
: No data available
- Toxicity to microorganisms**
: No data available
- 12.2 Persistence and Degradability**
Biodegradation : No data available
BOD/COD Ratio : No data available
- 12.3 Bioaccumulative Potential**
Bioconcentration Factor (BCF)
: No data available
Partition Coefficient n-octanol / water (log Kow)
: No data available
- 12.4 Mobility** : No data available
- 12.5 Results of PBT and vPvB assessment**
No data available
- 12.6 Other Adverse Effects:**
No data available.
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- 13 Disposal considerations**
- 13.1 Waste treatment methods**
Disposal methods : Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.
- 13.2 Contaminated Packaging**
: Container packaging may exhibit hazards.
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- 14 Transport information**
- ADR** : Not regulated.
IMDG : Not regulated.
IATA : Not regulated.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
: Not applicable.
For transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures. Shipping descriptions may vary based on mode



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of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.

15 Regulatory information

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

Inventory Status

- Australia (AICS) : All components are in compliance with chemical notification requirements in Australia.
- Canada (DSL/NDSL) : All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
- China (IECSC) : All components of this product are listed on the Inventory of Existing Chemical Substances in China.
- European Union (REACH) : To obtain information on the REACH compliance status of this product, please visit Lubrizol.com/REACH, or e-mail us at REACH_MSDS_INQUIRIES@Lubrizol.com
- Japan (ENCS) : All components are in compliance with the Chemical Substances Control Law of Japan.
- Korea (ECL) : All components are in compliance in Korea.
- New Zealand (NZIoC) : All components are in compliance with chemical notification requirements in New Zealand.
- Philippines (PICCS) : All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
- Switzerland (SWISS) : All components are in compliance with the Environmentally Hazardous Substance Ordinance in Switzerland.
- Taiwan (TCSCA) : This product requires notification before sale in Taiwan.
- United States (TSCA) : All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

15.2 Chemical safety assessment

- : No Chemical Safety Assessment has been carried out.

16 Other information

16.1 Key literature references and sources for data

- : Internal company data and other publically available resources.

16.2 Wording of the R-phrases and H-statements in section 2 and 3

- : None



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- 16.3 Issue Date** : 01.06.2015
- 16.4 Disclaimer** : As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.