

# Safety Data Sheet

## Ingersoll Rand® Ultra EL™ Synthetic Rotary Coolant

Revision date : 2013/03/25

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Version: 5.0

(30561549/SDS\_GEN\_CA/EN)

### 1. Product and Company Identification

Company

Distributed by  
Ingersoll Rand  
800D Beaty St.  
Davidson, NC 28036, USA

24 Hour Emergency Response Information

U.S. 24-hour Emergency #: 800-424-9300  
Outside the U.S. Emergency #: +01 703-527-3887

Synonyms:

Not available.

Use: Coolant

### 2. Hazards Identification

**Emergency overview**

Repeated exposure may cause skin dryness or cracking.

State of matter: liquid  
Colour: yellow to brownish  
Odour: mild

**Potential health effects**

**Irritation / corrosion:**

Not irritating to eyes and skin.

**Sensitization:**

Based on the ingredients, there is no suspicion of a skin-sensitizing potential.

**Chronic toxicity:**

**Carcinogenicity:** The whole of the information assessable provides no indication of a carcinogenic effect.

**Reproductive toxicity:** Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

**Teratogenicity:** No teratogenic effects reported.

**Genotoxicity:** Based on the ingredients, there is no suspicion of a mutagenic effect.

**Signs and symptoms of overexposure:**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Further important symptoms and effects are so far not known.

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### Potential environmental effects

#### **Aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms.

#### **Bioaccumulation / bioconcentration:**

Discharge into the environment must be avoided.

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### 3. Composition / Information on Ingredients

Not WHMIS controlled.

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### 4. First-Aid Measures

#### **General advice:**

Remove contaminated clothing.

#### **If inhaled:**

Keep patient calm, remove to fresh air. Assist in breathing if necessary. Consult a physician.

#### **If on skin:**

Wash thoroughly with soap and water.

#### **If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

#### **If swallowed:**

Rinse mouth and then drink plenty of water.

#### **Note to physician**

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

Flash point:	270 °C	(ASTM D92)
Autoignition:		(DIN 51794)
Flammability:	not flammable	
Self-ignition temperature:	> 300 °C	(DIN 51794)

#### **Suitable extinguishing media:**

water spray, dry powder, foam

#### **Unsuitable extinguishing media for safety reasons:**

water jet

#### **Hazards during fire-fighting:**

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### **Protective equipment for fire-fighting:**

Wear a self-contained breathing apparatus.

#### **Further information:**

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 6. Accidental release measures

**Personal precautions:**

Use personal protective clothing. Keep people away and stay on the upwind side.

**Environmental precautions:**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**Cleanup:**

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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### 7. Handling and Storage

**Handling**

**General advice:**

No special measures necessary provided product is used correctly.

No special measures necessary provided product is used correctly. Handle in accordance with good industrial hygiene and safety practice.

**Protection against fire and explosion:**

No special precautions necessary.

**Storage**

**General advice:**

Keep container tightly closed and dry; store in a cool place.

**Temperature tolerance**

Protect from temperatures below: -10 °C

Protect from temperatures above: 40 °C

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### 8. Exposure Controls and Personal Protection

**Personal protective equipment**

**Respiratory protection:**

Not applicable with adequate ventilation.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Safety glasses with side-shields.

**General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

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### 9. Physical and Chemical Properties

Form: liquid  
Odour: mild

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Odour threshold:	No data available.	
Colour:	yellow to brownish	
pH value:	7	(measured with the undiluted substance)
boiling temperature:	> 250 °C	( 1,013 hPa)
Density:	0.9828 g/cm3	( 15 °C) (ISO 2811-3)
Partitioning coefficient n-octanol/water (log Pow):	Study scientifically not justified.	
Viscosity, kinematic:	48 mm2/s	( 40 °C) (ASTM D445)
Solubility in water:	sparingly soluble	
Solubility (qualitative):	soluble	
Other Information:	solvent(s): organic solvents, If necessary, information on other physical and chemical parameters is indicated in this section.	

### 10. Stability and Reactivity

**Conditions to avoid:**

Avoid extreme temperatures.

**Substances to avoid:**

strong oxidizing agents, strong bases, strong acids

**Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.

**Decomposition products:**

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

**Corrosion to metals:**

No corrosive effect on metal.

**Oxidizing properties:**

not fire-propagating

### 11. Toxicological information

**Acute toxicity**

**Oral:**

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

**Other Information:**

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### 12. Ecological Information

**Degradability / Persistence**

**Biological / Abiological Degradation**

Evaluation: Biodegradable.

**Bioaccumulation**

At the present state of knowledge, no negative ecological effects are expected.

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### Other adverse effects:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## 13. Disposal considerations

### Waste disposal of substance:

Must be disposed of or incinerated in accordance with local regulations.

### Container disposal:

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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## 14. Transport Information

### Land transport

TDG

Not classified as a dangerous good under transport regulations

### Sea transport

IMDG

Not classified as a dangerous good under transport regulations

### Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical                      DSL, CA                      released / listed

Not WHMIS controlled.

**THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.**

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## 16. Other Information

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our

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products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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**SDS Prepared by:**

BASF NA Product Regulations

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BASF HOTLINE (800) 454 – COPE (2673)

SDS Prepared on: 2013/03/25

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