1. Identification

Product identifier used on the label

Ultra EL

Recommended use of the chemical and restriction on use
Recommended use*: lubricants; additives

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
Ingersoll Rand
800D Beaty St.
Davidson, NC 28036, USA

Telephone: +1 704-655-4000

Emergency telephone number

CHEMTREC: 1-800-424-9300
Outside U.S. Emergency: +1 703-527-3887

Other means of identification

Chemical family: polyetherpolyol
Synonyms: Coolant

2. Hazards Identification


Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.
Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition / Information on Ingredients


This product does not contain any components classified as hazardous under the referenced regulation.

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

If on skin:
Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms: 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.

Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media
Suitable extinguishing media:
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:
water jet

**Special hazards arising from the substance or mixture**
Hazards during fire-fighting:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Advice for fire-fighters**
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, protective equipment and emergency procedures**
Use personal protective clothing. Keep people away and stay on the upwind side. Breathing protection required.

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

**Methods and material for containment and cleaning up**
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**

**Precautions for safe handling**
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.

**Conditions for safe storage, including any incompatibilities**
No applicable information available.

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.
Protect from temperatures below: -10 °C
Protect from temperatures above: 40 °C
8. Exposure Controls/Personal Protection

No occupational exposure limits known.

Advice on system design:
Provide adequate exhaust ventilation to control workplace concentrations.

Personal protective equipment

Respiratory protection:
Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:
Chemical resistant protective gloves

Eye protection:
Safety glasses with side-shields.

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:
Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Store work clothing separately.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>mild</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Colour</td>
<td>yellow to brownish</td>
</tr>
<tr>
<td>pH value</td>
<td>7 (measured with the undiluted substance)</td>
</tr>
<tr>
<td>Melting point</td>
<td>not determined</td>
</tr>
<tr>
<td>Boiling temperature</td>
<td>&gt; 250 °C (1,013 hPa)</td>
</tr>
<tr>
<td>Sublimation point</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>270 °C (ASTM D92)</td>
</tr>
<tr>
<td>Flammability</td>
<td>not flammable</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>For liquids not relevant for classification and labelling.</td>
</tr>
<tr>
<td>Autoignition</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>The product has not been tested. (ISO 2811-3)</td>
</tr>
<tr>
<td>Density</td>
<td>0.9828 g/cm³ (15 °C)</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No applicable information available.</td>
</tr>
</tbody>
</table>
Partitioning coefficient n-octanol/water (log Pow): Study scientifically not justified.
Self-ignition temperature: > 300 °C (DIN 51794)
Thermal decomposition: No decomposition if correctly stored and handled.
Viscosity, dynamic: No applicable information available.
Viscosity, kinematic: 48 mm²/s (40 °C) (ASTM D445)
Solubility in water: sparingly soluble
Solubility (quantitative): No applicable information available.
Solubility (qualitative): soluble solvent(s): organic solvents,
Evaporation rate: Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:
No corrosive effect on metal.

Oxidizing properties:
not fire-propagating

Reactions with water/air:

<table>
<thead>
<tr>
<th>Reaction with:</th>
<th>water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable gases:</td>
<td>no</td>
</tr>
<tr>
<td>Toxic gases:</td>
<td>no</td>
</tr>
<tr>
<td>Corrosive gases:</td>
<td>no</td>
</tr>
<tr>
<td>Smoke or fog:</td>
<td>no</td>
</tr>
<tr>
<td>Peroxides:</td>
<td>no</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reaction with:</th>
<th>air</th>
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</thead>
<tbody>
<tr>
<td>Flammable gases:</td>
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<tr>
<td>Smoke or fog:</td>
<td>no</td>
</tr>
<tr>
<td>Peroxides:</td>
<td>no</td>
</tr>
</tbody>
</table>

Chemical stability
The product is stable if stored and handled as prescribed/indicated.

Peroxides: 0.000 %
The product does not contain peroxides.

Possibility of hazardous reactions
No hazardous reactions when stored and handled according to instructions.
The product is chemically stable.

Conditions to avoid
Avoid extreme temperatures.
Incompatible materials
strong oxidizing agents, strong bases, strong acids

Hazardous decomposition products

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

Thermal decomposition:
No decomposition if correctly stored and handled.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Oral
Type of value: LD50
Species: rat
Value: > 5,000 mg/kg

Inhalation
No applicable information available.

Dermal
No applicable information available.

Assessment other acute effects
No applicable information available.

Irritation / corrosion
Assessment of irritating effects: Not irritating to eyes and skin.

Sensitization
Assessment of sensitization: No sensitizing effect.

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: No applicable information available.

Genetic toxicity
Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

Carcinogenicity
Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.
Reproductive toxicity
Assessment of reproduction toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

Teratogenicity
Assessment of teratogenicity: No teratogenic effects reported.

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

Symptoms of Exposure
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.

12. Ecological Information

Toxicity
Aquatic toxicity
Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability
Assessment biodegradation and elimination (H2O)
Biodegradable.

Bioaccumulative potential
Assessment bioaccumulation potential
Discharge into the environment must be avoided.

Mobility in soil
Assessment transport between environmental compartments
The substance will not evaporate into the atmosphere from the water surface.

Additional information
Add. remarks environm. fate & pathway:
At the present state of knowledge, no negative ecological effects are expected.

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

13. Disposal considerations

Waste disposal of substance:
Dispose of in accordance with national, state and local regulations. Do not discharge into drains/surface waters/groundwater.
It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.
Container disposal: Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

14. Transport Information

Land transport
USDOT
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

15. Regulatory Information

Federal Regulations

Registration status:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Not hazardous;

CA Prop. 65:
WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

NFPA Hazard codes:
Health : 0 Fire: 1 Reactivity: 0 Special:

HMIS III rating
Health: 0 Flammability: 1 Physical hazard:0

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2016/11/16

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