1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier
Product name
RC 3500

Other means of identification

Recommended use of the chemical and restrictions on use
Material Uses
Coolant.
Uses advised against
Verify Applications

Details of the supplier of the safety data sheet
Manufacturer
15150 25th Ave. North
Minneapolis, MN 55447
http://www.productivity.com

Emergency telephone number

2. Hazards Identification


Classification
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label Elements

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance  amber  Physical state  Liquid  Odor  Mild

Hazards not otherwise classified (HNOC)

Other Information
* No known effect
3. Composition/information on Ingredients

Chemical Family

Synthetic Fluid.

4. First Aid Measures

First aid measures

**Eye contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin contact**
Wash skin with soap and water. Consult a physician if necessary.

**Inhalation**
Remove to fresh air. Consult a physician if necessary.

**Ingestion**
Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**
None known.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically.

5. Fire-Fighting Measures

**Suitable extinguishing media**
Not applicable.

**Unsuitable extinguishing media**
Not applicable.

**Specific hazards arising from the chemical**
None known.

**Hazardous combustion products**
Carbon oxides.

**Protective equipment and precautions for firefighters**
Move containers from fire area if you can do it without risk.

6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Remove all sources of ignition. Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation.

**Other Information**
Report spills as required to the appropriate authorities.

**Environmental precautions**

**Environmental precautions**
No unusual hazard.

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

**Methods for containment**
Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.


**Methods for Clean-up**
Take up mechanically, placing in appropriate containers for disposal.

---

### 7. Handling and Storage

#### Precautions for safe handling

**Handling**
Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers. Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage**
Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition.

**Incompatible materials**
Acids and oxidizing agents.

---

### 8. Exposure Controls/Personal Protection

#### Control parameters

**Exposure guidelines**
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**
Showers, eyewash stations, and ventilation systems. Use in well ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits (ACGIH TLV TWA: 5 mg/m³; ACGIH TLV STEL: 10 mg/m³; OSHA PEL TWA: 5 mg/m³).

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**
Safety glasses with side-shields.

**Skin and Body Protection**
Use protective gloves and clothing if contact with product is likely.

**Respiratory protection**
If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

**General hygiene considerations**
Handle in accordance with good industrial hygiene and safety practice.

---

### 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>appearance</td>
<td>amber</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>amber</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>9.5</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>Not flammable</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air Upper flammability limit</td>
<td>No unusual hazard</td>
<td></td>
</tr>
</tbody>
</table>
### Lower flammability limit
No unusual hazard

### Vapor pressure
<1 mmHg @ 20 °C

### Vapor density
No information available

### Specific gravity
1.01

### Water solubility
Soluble in water

### Solubility in other solvents
No information available

### Partition coefficient
No information available

### Autoignition temperature
No unusual hazard

### Decomposition temperature
No unusual hazard

### Kinematic viscosity
2.8 cSt @ 40°C / 35 SUS @ 100°F

### Dynamic viscosity
No information available

### VOC Content, % Vol
Request additional information

---

## 10. Stability and Reactivity

### Reactivity
No unusual hazard

### Chemical stability
Stable under normal conditions.

### Possibility of hazardous reactions
None under normal use conditions.

#### Hazardous polymerization
Hazardous polymerization does not occur.

### Conditions to avoid
Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials
Acids and oxidizing agents.

### Hazardous decomposition products
Carbon oxides.

---

## 11. Toxicological Information

### Information on likely routes of exposure

#### Product Information

- **Inhalation**
  No unusual hazard.

- **Eye contact**
  No unusual hazard.

- **Skin contact**
  No unusual hazard.

- **Ingestion**
  No unusual hazard.

### Information on toxicological effects

#### Symptoms
None known.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

- **Skin corrosion/irritation**
  ET50. Non-corrosive.
11. Toxicological Properties

Serious eye damage/eye irritation No unusual hazard.
Sensitization No known effect.
Mutagenic Effects No known effect.
Carcinogenicity No known effect.
Reproductive effects No known effect.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity No known effect.
Aspiration Hazard No unusual hazard.

Numerical measures of toxicity - Product Information

Oral LD50 > 5000 mg/kg (rat)

12. Ecological Information

Ecotoxicity
No unusual hazard

Persistence/Degradability
No unusual hazard

Bioaccumulation/Accumulation
No unusual hazard.

Other adverse effects None known

13. Disposal Considerations

Waste treatment methods

Waste Disposal Method Dispose of in accordance with federal, state and local regulations.
Contaminated packaging Waste code 15 01 10 may apply to empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport Information

DOT

UN-No Not regulated
Proper shipping name Not regulated
Hazard Class Not regulated
Packing group Not regulated
Labels Not regulated
Description Not regulated

TDG

UN-No Not regulated
Proper shipping name Not regulated
Hazard Class Not regulated
Packing group Not regulated
Labels Not regulated
Description Not regulated
IMDG/IMO

UN-No                  Not regulated
Proper shipping name   Not applicable
Hazard Class           Not regulated
Packing group          Not regulated
Labels                 Not regulated
Description            Not regulated

ADR/RID

UN-No                  Not regulated
Proper shipping name   Not regulated
Hazard Class           Not regulated
Packing group          Not regulated
ADR/RID-Labels         Not regulated
Description            Not regulated

IATA

UN-No                  Not regulated
Proper shipping name   Not applicable
Hazard Class           Not regulated
Labels                 Not regulated
Packing group          Not regulated
Description            Not regulated

---

15. Regulatory Information

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td></td>
</tr>
<tr>
<td>Fire hazard</td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td></td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. Regulations & Inventories
California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

U.S. EPA Label information  
EPA Pesticide registration number  Not applicable

CANADA

16. Other Information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HEALTH 1</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>HEALTH 1</td>
<td>Flammability</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Issue Date  04-25-2017  
Revision date  03-26-2015  
Revision Summary

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS