# SAFETY DATA SHEET

## Royal Centurion 220

## SECTION 1: PRODUCT IDENTIFICATION

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th>Royal Centurion 220</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Code #</strong></td>
<td>362</td>
</tr>
<tr>
<td><strong>CAS #</strong></td>
<td>Not Applicable for Mixtures</td>
</tr>
<tr>
<td><strong>Manufacturer</strong></td>
<td>Royal Mfg Co LP</td>
</tr>
<tr>
<td><strong>Synonym</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Chemical Name</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Chemical Formula</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Trade Secret</strong></td>
<td>Yes</td>
</tr>
</tbody>
</table>
| **Address**          | 516 S. 25th West Ave.  
Tulsa, OK 74127                                               |
| **Phone**            | (918) 584-2671                                           |
| **Emergency Contact**| CHEMTREC (24 hour Emergency Telephone), call: 1-800-424-9300  
International CHEMTREC, call: 1-800-255-3924                  |
| **Recommended Use**  | Gear Oil                                                 |
| **Restrictions on Use** | This product must not be used in applications other than recommended in section 1 without taking the advice from supplier/manufacturer |

## SECTION 2: HAZARD(S) IDENTIFICATION

**Classifications:**
- Acute Toxicity - Oral: Category 4
- Eye Damage: Category 2B
- Skin corrosion: Category 2
- Aquatic Hazard – Acute: Category 3
- Aquatic Hazard – Long-term: Category 4

**Pictograms:**

![](image)

**Signal Word:** Warning

**Hazard Statements:**
- Harmful if swallowed.
- Causes eye irritation.
- Causes skin irritation.
- May be harmful if swallowed and enters airways.
- Harmful to aquatic life.
- May cause long lasting harmful effects to aquatic life.

**Precautionary Statements:**
- P101: If medical advice is needed have product container or label at hand
- P102: Keep out of reach of children
- P103: Read Label before use
- P232: Protect from Moisture.
- P233: Keep container tightly closed
- P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection

Percent of the mixture consisting of ingredient(s) of unknown toxicity: Not known

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Designation</th>
<th>% of Comp.</th>
<th>CAS No.</th>
</tr>
</thead>
</table>

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

Ingestion: Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard: No

Flash Point F(C): > 199.4° (93.0°)

Flammable Limits: LOWER: N/D UPPER: N/D

Extinguishing Media: Water Mist

Foam

Dry Powder

CO2

Special protective Equipment and firefighting procedures: N/A

Unusual Fire & Explosion: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Vapor protective clothing should be worn for spills and leaks with no fire. Do not touch and walk through spill area. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

Spills / Leaks: Isolate the spill / leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft.) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks / flames in close vicinity). Keep unauthorized persons away and ventilate closed space before entering.

SECTION 7: HANDLING & STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practices. These practices...
include avoiding unnecessary exposure and prompt removal of material from eyes skin and clothing.

Storage: Store in a sealed container in a cool, dry environment.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:
OSHA Permissible Exposure Limits (PELs):
Threshold Limit Values (TLVs):

Engineering Controls:
N/A

Personal Protective Equipment:
Face: Safety Glasses
Eyes: Safety Glasses
Skin: Gloves
Respiratory: 
Pictograms:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red Liquid
Odor: Mild Petroleum
Odor Threshold: N/D
pH: N/A
Melting Point F(C): N/A
Freezing Point F(C): N/A
Pour Point F(C): < -40°
Boiling Range: N/D
Flash Point F(C): > 199.4° (93.0°)
Flash Point Method used: ASTM D92
Evaporation Rate: N/A
Flammability: None

Upper Flammability/Explosive Limit:
Lower Flammability/Explosive Limit:
Vapor Pressure: N/D
Vapor Density: N/D
Vapor Temperature: N/D
Relative Density/Specific Gravity:
Solubility: Not Water Soluble
Partition Coefficient: N/D
Auto-ignition temperature: N/D
Decomposition temperature: N/D
Viscosity: 220cSt @ 40°C

SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity: N/A
Chemical Stability: Stable under normal ambient temperature and conditions.
Conditions to Avoid: Extreme temperature and direct sunlight / heat / flame
Materials to Avoid: Strong oxidizing agents
Hazardous: N/D

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation
Description of effects from short- and long-term exposure: Not known
Description of symptoms: Not Known
Measure of toxicity: Not known

Ingestion
Description of effects from short- and long-term exposure: Not known
Description of symptoms: May cause nausea and vomiting.
Measure of toxicity: Not known

Eyes
Description of effects from short- and long-term exposure: Not known
Description of symptoms: Causes eye irritation.
Measure of toxicity: Not known

Skin
Description of effects from short- and long-term exposure: Not known
Description of symptoms: May cause skin irritation
Measure of toxicity: Not known

Carcinogens listing:
NTP: No
IARC: No
OSHA: No
GHS: No

Chronic Toxicity: No

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: Not Determined
Biodegradability: Not Determined
Bioaccumulation: Not Determined

SECTION 13: DISPOSAL CONSIDERATION

Take expert advice of local regulatory agency for proper disposal of this product
SECTION 14: TRANSPORT INFORMATION

Not regulated in transportation by DOT/IMO/IATA. Not classified as dangerous in the meaning of transport regulation.

Pictograms:

SECTION 15: REGULATORY INFORMATION

OSHA Regulated Hazard: No
DOT Regulated: No
E C Classification: Non-applicable
TSCA Status: In compliance with TSCA inventory requirements for commercial purposes
SARA 312 Regulated Chemical(s): No
SARA 313 Regulated Chemical(s): Yes:
  - Benzothiazole-2-Thiol CAS#149-30-4
  - Xylene CAS# 1330-20-7
EPA Registration Number: Non-applicable
California Prop. 65: No
PA Right to know Chemical(s): None known
NJ Right to know Chemical(s): Distillates (Petroleum) Hydrotreated Heavy Paraffinic
  - (CAS # 64742-54-7)
  - Butene, homopolymer (CAS # 9003-29-6 or 9003-27-4)
Additional State Regulations: None known
Canada: Non-applicable

SECTION 16: OTHER INFORMATION

NFPA

HMIS

Royal Centurion 220

<table>
<thead>
<tr>
<th></th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>PERSONAL PROTECTION</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>B</td>
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</tbody>
</table>

The above Information is based on the present state of our knowledge of the product at the time of publication. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy themselves that the product is entirely suitable for their purposes.

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END OF SAFETY DATA SHEET