

# SAFETY DATA SHEET

## Royal Centurion 220



### SECTION 1: PRODUCT IDENTIFICATION

<b>Product Name</b>	Royal Centurion 220
<b>Product Code #</b>	362
<b>CAS #</b>	Not Applicable for Mixtures
<b>Manufacturer</b>	Royal Mfg Co LP
<b>Synonym</b>	None
<b>Chemical Name</b>	N/A
<b>Chemical Formula</b>	N/A
<b>Trade Secret</b>	Yes
<b>Address</b>	516 S. 25th West Ave. Tulsa, OK 74127
<b>Phone</b>	(918) 584-2671
<b>Emergency Contact</b>	CHEMTREC (24 hour Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924
<b>Recommended Use</b>	Gear Oil
<b>Restrictions on Use</b>	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:**



**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

Chemical Designation	% of Comp.	CAS No.
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### 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) :** 5mg/m<sup>3</sup>  
**Threshold Limit Values (TLVs):** 10mg/m<sup>3</sup>

**Engineering Controls:**  
N/A

**Personal Protective Equipment:**

**Face:**

**Eyes:** Safety Glasses

**Skin:** Gloves

**Respiratory:**

**Pictograms:**



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Red Liquid	<b>Upper Flammability/Explosive Limit:</b>	N/D
<b>Odor:</b>	Mild Petroleum	<b>Lower Flammability/Explosive Limit:</b>	N/D
<b>Odor Threshold:</b>	N/D	<b>Vapor Pressure:</b>	N/D
<b>pH:</b>	N/A	<b>Vapor Density:</b>	N/D
<b>Melting Point F(C):</b>	N/A	<b>Vapor Temperature:</b>	N/D
<b>Freezing Point F(C):</b>	N/A	<b>Relative Density/Specific Gravity:</b>	0.886
<b>Pour Point F(C):</b>	< -40°	<b>Solubility:</b>	Not Water Soluble
<b>Boiling Range:</b>	N/D	<b>Partition Coefficient:</b>	N/D
<b>Flash Point F(C):</b>	> 199.4° (93.0°)	<b>Auto-ignition temperature:</b>	N/D
<b>Flash Point Method used:</b>	ASTM D92	<b>Decomposition temperature:</b>	N/D
<b>Evaporation Rate:</b>	N/A	<b>Viscosity:</b>	220cSt @ 40°C
<b>Flammability:</b>	None	<b>VOC Content:</b>	N/D
		<b>VOC Less Water &amp; Exempts:</b>	N/D

## 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 Decomposition:** 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.

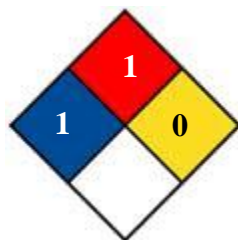
### Pictograms:

## SECTION 15: REGULATORY INFORMATION

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

## SECTION 16: OTHER INFORMATION

### NFPA



### HMIS

<b>Royal Centurion 220</b>	
<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

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**

