

# MATERIAL SAFETY DATA SHEET: OSHA STANDARD 29 CFR 1910.1200

## CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date: 11-01-05

Product Identifier: **BlackJack Anti Seize**

Manufacturers Part # RT900B

General Use: Long-term Lubrication

Chemical Family: Moly Based Petroleum Grease

Manufacturer

Refrigeration Technologies (www.refrigtech.com)

2572 Fender Ave Bldg "C"

Fullerton, CA92831

(800) 869-1407, 714-870-8361

Fax: 714-526-4598

24 HR Emergency Phones (800) 255-3924 Chem-Tel, Inc.

International: 813.248.0585

## HAZARDOUS IDENTIFICATION

Hazardous Components CAS# OSHA PEL ACHIH TLV WEIGHT %

This product does not contain any reportable hazardous components.

## HEALTH HAZARD DATA

HMIS: H=0, F=0, R=0, S=0

**Immediate Concerns:** Eye Irritation. Possible Skin Irritation with sensitive persons.

Eyes: Irritant

Skin: Possible Irritant

Ingestion: May be irritating to the gastrointestinal tract. Cramping and/or diarrhea.

Inhalation: Not considered a health hazard under normal conditions of use.

### **Signs and Symptoms of Overexposure:**

Eyes: Irritation

Skin: Irritation possible

Ingestion: Irritation, cramping and/or diarrhea.

Inhalation: If heated, vapors are harmful if inhaled. Not expected to be a problem under normal conditions of use.

### **Emergency and First Aid Procedures:**

Eyes: Flush with water for 15 minutes. If irritation persists, call physician

Skin: Wash off with soap and water.

Ingestion: Drink large amounts of water. DO NOT INDUCE VOMITTING. Call physician

Inhalation: Get person to fresh air, if unconscious, give oxygen or artificial respiration. Call physician

## FIRE AND EXPLOSION HAZARD DATA

NFPA Hazard Rating: H=1, F=1, R=0, S=0

Flash Point: 380 F C. O. C.

Flammable Limits: Not Tested

LEL: Not Tested

UEL: Not Tested

Extinguishing Media: CO2, DRY FOAM

Special Fire Fighting Procedures: Avoid breathing smoke, fumes or mist. Wear protective gear.

Unusual Fire and Explosion Hazards: Keep away from open flame. Treat as petroleum fire.

## ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Treat as a petroleum spill. Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with federal, state and local regulations. Prevent product from entering sewers or watercourses.

## HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 120 F. Store away from oxidizers. Store away from open flame. Keep container closed.

Other precautions: KEEP OUT OF REACH OF CHILDREN

## EXPOSURE/CONTROL MEASURES

Respiratory Protection: Open all doors and windows. If there is an exposure and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required

Ventilation: Local Exhaust: If available

Special: None

Mechanical: If available

Other: None

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Other Protective Clothing or Equipment: None

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Work Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business.

### **PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point >700F	Specific Gravity: 1.20
Vapor Pressure: N/A	Melting Point: Not Tested
Vapor Density: N/A	Evaporation Rate: N/A
Solubility in Water: Insoluble	Appearance and Odor: Black Grease, Petroleum odor

### **STABILITY AND REACTIVITY**

Stability: Stable  
Conditions to Avoid: Open Flame. Heating above the Flash Point  
Incompatible Materials to Avoid: Strong Oxidizers.  
Hazardous Decomposition or Byproducts: CO, CO<sub>2</sub>, smoke, carbon  
Hazardous Polymerization: Will not occur

### **TOXICOLOGICAL INFORMATION**

Possible effects of exposure are: Similar to Mineral Oil, LD50: >50g/kg  
Eyes: May cause mild to severe eye irritation  
Skin: Slight irritant to skin in sensitive individuals  
Skin Absorption: None to Slight  
Inhalation: If heated, excessive inhalation of vapors can cause respiratory irritation and difficulty breathing  
Ingestion: Can cause diarrhea or a laxative effect.  
Chronic Effects: None known at this time.

### **ECOLOGICAL INFORMATION**

Product is a petroleum grease/oil.

### **DISPOSAL CONSIDERATIONS**

Always follow Federal, State and Local codes before disposal of any chemicals. Consult with an expert in your area on proper disposal of petroleum products. Chemicals should never be allowed to enter sewers, watercourses or low areas without proper authorization. Empty containers should be thoroughly rinsed and offered for recycling.

### **TRANSPORTATION INFORMATION**

DOT: Not Regulated  
Proper Shipping Name: Not Regulated  
IMDG: Not Regulated  
Proper Shipping Name: Not Regulated  
IATA: Not Regulated  
Proper Shipping Name: Not Regulated

### **REGULATORY INFORMATION**

SARA Title III: No reportable ingredients.  
CERCLA: Not subject to any special reporting.  
TSCA: Components are listed on the TSCA Inventory  
EPA RQ Ingredient: None  
California Prop 65: No reportable ingredients  
VOC Content: 0 grams/liter

### **OTHER INFORMATION**

NSF Registration Number 119849, Category H2

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Refrigeration Technologies