Material Safety Data Sheet	; 		Page 1 of 3	
Product Name: Hydraulic Fluid, Arresting Gear		mil-A-A-59290		
	======= INFORMATION			
AJ Chemical Lubricants & Equipment Inc 2100 E. State Street EXT Hamilton NJ 08619		(804) 737-8707 Date Prepared March 1, 2010	Date Prepared March 1, 2010	
FSCM/FSCNM: Chemical Family: Glycols	Hazardous Materia NSN: 9150-00-243-19	l: Yes Specification: MIL 87	Specification: MIL-A-A-59290	
Section 2. Composition				
	ts): Ethylene Gly CAS 107-21-1		: 50 PPM(125 mg/m )	
Section 3: Physical Proper				
Boiling Point(°F &°C):	345°F	Specific Gravity:	1.13	
<b>Evaporation Rate(Bu Acetate):</b>	0.01	<b>Decomposition Temp:</b>	N/A	
Vapor Density(Air):	2.1	Freezing(Melting Point)( °C & °F)	-5(20.56)	
Critical Temp(°F &°C):	N/A	Viscosity:	20°C CS 1/15 1.88	
Vapor Pressure:	0.06	Percent Volatile by Volume(%):	N/A	
pH:	7.8	Magnetism(Mg):	N/A	
Solubility in Water:	Complete	Autoignition Temp:	N/A	
Critical Pressure:	N/A	Corrosion Rate:	N/A	
Appearance and Odor:	Clear to light amber Clear to light blue			
<b>Section 4: Fire And Explo</b>	sion Hazard Data			
Flash Point(Method Used):		250°F (121°C) Tag closed cup ASTM		
Flammable(Explosive) Limits:		LEL: 3.2 DEL: 15.3		
Extinguising Media:		Alcohol Foam, Water Fog, Foam, CO and Dry Chemicals.		
Special Fire Fighting Procedures and Equipment:		Use Self-Contained breathing apparatus and protective clothing.		
Unusual Fire and Explosion Hazards:		None		

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### AJ CHEMICAL LUBRICANTS & EQUIPMENT INC

Hydraulic Fluid, Arresting Gear

MIL-A-A-59290

Section 5. Health Hazard Data

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### **Effects of Acute and Chronic Overexposure:**

**Ingestion** may cause abdominal discomfort, pain, dizziness, malaise, lumbar pain, oliguria, uremia, depression, kidney damage.

**Inhalation** will irritate nose & throat may cause nausea, vomiting, headache, dizziness, eye trancient conjunctivitis.

**Swallowing:** If conscious give two glasses of water and induce vomiting. Call a Physician immediately.

Skin: Remove contaminated clothing, flush skin with water.

**Inhaling:** Remove to fresh air, call a Physician if discomfort persists. **Eyes:** Flush with water immediately, continue rinsing for several minutes.

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# **Section 6. Reactivity Data**

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Stability:StableConditions to Avoid:None

**Incompatibility(Materials to Avoid):** Strong Oxidizing Agents

Hazardous Decomposition Products: Carbon Monoxide & Unidentified organic compounds may be formed

during combustion.

**Hazardous Polymerization:** Will Not Occur.

(Conditions to Avoid) None

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### Section 7. Spill or Leak Procedures

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### **Steps To Be Taken In Case Material Is Released Or Spilled:**

Wear NIOSH approved respirator & Protective equipment. Dike. Remove liquid with vacuum track or by pumping into salvage drum. Soak up residues & small spills with absorbent material such as clay, put in tightly closed containers, flush away traces with water. Keep from sewers & waterways.

#### **Waste Handling And Disposal Method:**

Incinerate in a furnace where permitted under Federal and Local regulations. At very low concentrations product is readily biodegradable in a biological waste water treatment plant.

**Neutralizing Agent:** Not Applicable

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# **Section 8. Occupational Protective Measures**

**Respiratory Protection(specify type):** NIOSH approved breathing air equipment or NIOSH approved mask with organic vapor cartridge & dust or mist pre-filter. Not for use in fire fighting.

**Ventilation:** General (Mechanical) room ventilation.

**Protective Gloves:** Rubber or Polivinyl Chloride Coated.

**Eye Protection:** Monogoggles/Face Shield.

Material Safety Data Sheet		Page 3 of 3
AJ CHEMICAL LUBRICANTS & EQ Hydraulic Fluid, Arresting Gear	UIPMENT INC	MIL-A-A-59290
Section 9. Special Precautions		
Handling And Storage Precautions:		
Other Precautions:	None	
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Applicable Regulations:	N/A	
Shipping Name:	N/A	
ID Number:	N/A	
Report Qty:	No	
Hazard Class:	Combustible Liquid	
Labels:	None	
Unit Container:	55-gal/drum	
DOT SPSC Container:	N/A	
DOT Exempt/DOD CCN:	N/A	
Limited Qty:	None	
Aerosol Propellant(s):	N/A	
Net Expl Wt:	N/A	