

# MATERIAL SAFETY DATA SHEET

This MSDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)  
This material safety data sheet conforms to the requirements of ANSI Z400.1

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## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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EP320GO – EP 320 Gear Oil

**Manufacturer/Supplier:**

American Chemical Technologies, Inc.  
485 E. Van Riper Road, Fowlerville, MI 48836  
Office: 517-223-0300 Fax: 517-223-1703

**Emergency Spill Information:**

INFOTRAC 1-800-535-5053  
24 HOURS/DAY, 7 DAYS/WEEK

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## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

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<u>Component</u>	<u>CAS#</u>	<u>Range % by wt.</u>
Mineral Oil	Various	98% - 100%
	OSHA TWA: 5 mg/m <sup>3</sup> (mist)	
	ACGIH TLV: 5 mg/m <sup>3</sup> (mist)	

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## SECTION 3 – HAZARDS IDENTIFICATION

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**Emergency Overview:** No acute effects expected from incidental skin contact during handling. Aspiration hazard if swallowed. Liquid is slippery and will burn. Avoid release of this product to the environment.

**Potential Health Effects:**

**Eye Contact:** Prolonged or repeated contact may cause mild eye irritation.

**Skin Contact:** Prolonged or repeated contact may cause skin irritation and possible dermatitis.

**Inhalation:** Prolonged, excessive inhalation may cause irritation to the lungs and air passages.

**Ingestion:** Danger of aspiration to the lungs with potential for chemical pneumonitis.

**HMIS Code:** (Health:1) (Flammability:1) (Reactivity:0) (Protection: B)

**NFPA Code:** (Health:1) (Flammability:1) (Reactivity:0)

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## SECTION 4 – FIRST AID MEASURES

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**Eye:** Immediately flush eyes with water for 15 minutes. If irritation continues consult a physician.

**Skin:** Promptly wash skin with mild soap and water.

**Inhalation:** Avoid prolonged exposure and remove individual to fresh air.

**Ingestion:** DO NOT induce vomiting. Seek medical attention immediately.

**Primary Routes of Entry:** Breathing mists by inhalation or ingestion.

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### SECTION 5 – FIRE FIGHTING MEASURES

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**Flashpoint:** >300 °F **Method:** C.O.C.

**UEL:** Not determined.

**LEL:** Not determined.

**Autoignition Temperature:** Not determined.

**Flammability Classification:** Not Flammable.

**Extinguishing Media:** Agents approved for Class B (e.g., dry chemical, carbon dioxide, foam, steam) or water fog.

**Unusual Fire and Explosion Hazards:** Water may spear the fire. Heated containers may rupture.

**Fire Fighting Equipment:** Fire fighters should wear an approved self-contained breathing apparatus. As with petroleum oils, maintain oil from spreading.

**Hazardous Combustion Products:** Incomplete combustion results in oxides of carbon, nitrogen, and sulfur. Smoke, odorous and toxic fumes may form during incomplete combustion. High heat may also generate low levels of hydrogen sulfide.

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**Steps to be taken in Case Material is Released or Spilled:** Prevent spread of material to rivers or waterways by diking with dirt or absorbent. For large spills, pump released material into recovery containers and then spread absorbent over the spill area to collect residuals. For small spills, wipe up or use absorbent to clean the spill area.

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### SECTION 7 – HANDLING AND STORAGE

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**Handling:** No special requirements if handled with reasonable care.

**Storage:** Do not store in high temperature areas or where subject to open flames. Store inside away from extreme temperatures. Empty drums may contain product residues. All safety precautions taken when handling this product should also be taken when handling empty drums.

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### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Eye:** Chemical safety glasses and, if handled hot, full face shield.

**Skin:** Wear oil impermeable gloves if prolonged or repeated contact is likely.

**Inhalation:** Use NIOSH/MSHA approved equipment when TLV limits are exceeded.

**Engineering Controls:** Control airborne concentrations below the exposure guidelines.

**Other Protective Equipment:** Standard work clothes, shoes, apron, etc.

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### SECTION 9 – CHEMICAL AND PHYSICAL PROPERTIES

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Appearance and Odor	: Clear amber oil with mild petroleum odor
pH	: Not applicable
Vapor Pressure	: >0.1 mm Hg @ 20 °C
Vapor Density	: Not determined.
Boiling Point	: > 750 °F
Melting Point	: Not determined.
Solubility in water	: Nil
Specific Gravity	: 0.89 @ 20 °C (typical)
Evaporation Rate	: Nil
Percent Volatiles	: Not determined.

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### SECTION 10 – STABILITY AND REACTIVITY

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**Stability:** Stable.

**Conditions to Avoid:** Extreme heat.

**Materials to Avoid:** Avoid chlorine, fluorine, and other strong oxidizers.

**Hazardous Decomposition:** None identified.

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### SECTION 11 – TOXICOLOGICAL INFORMATION

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Toxicological testing has not been conducted on this product.

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### SECTION 12 – ECOLOGICAL INFORMATION

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Ecological testing has not been conducted on this product.

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### SECTION 13 – DISPOSAL INFORMATION

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Disposal must be in accordance with applicable federal, state, or local regulations.

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### SECTION 14 – TRANSPORTATION INFORMATION

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**U.S. Dept. of Transportation**

Shipping Name: not regulated

Hazard Class:

Identification number:

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**SECTION 15 – REGULATORY INFORMATION**

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All components of this product are on the U.S. TSCA inventory.

**Superfund Amendments and Reauthorization Act of 1986 Title 111(Emergency Planning and Community Rights to Know Act) section 313:** To the best of our Knowledge this product does not contain chemicals at levels which require reporting under this statute.

**Sections 311 and 312**

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<b>Delayed(Chronic) Health Hazard :</b>	NO
<b>Fire Hazard :</b>	NO
<b>Immediate(Acute) Health Hazard :</b>	NO
<b>Reactive Hazard :</b>	Check Section 10.
<b>Sudden Release of Pressure Hazard :</b>	NO

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**SECTION 16 – SPECIAL PRECAUTIONS**

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Keep containers closed until ready for use. Keep out of the reach of children! Store away from open flames and strong oxidizers.

**Prepared By:** Mark D. Latunski

**Date Revised:** 10/07/2010

**Supersedes:** 08/01/2008

**Date Prepared:** 08/13/1996

The information provided herein is believed to be accurate to the best of the company's knowledge as of the date of its issue. We do not warrant or guarantee the information provided and will not be held liable for any loss or damage from its use.