



**MOORE OIL COMPANY, INC.**  
4033 W. CUSTER AVENUE  
MILWAUKEE, WI 53209-9247

## MATERIAL SAFETY DATA SHEET NUMBER 124

**IDENTITY:** HOMAN AW68 HYDRAULIC

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### SECTION I

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**MANUFACTURER NAME:** Homan Corporation  
**ADDRESS:** 3650 South Homan Avenue  
Chicago, Illinois 60632

**TELEPHONE NUMBER:** (773) 523-0250  
**EMERGENCY NUMBER:** Chemtrec 24 Hours (800) 424-9300

**DATE PREPARED:** March 1, 2000

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### SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

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**HAZARDOUS COMPONENTS:** Not applicable for this product.

National Fire Protection Association (NFPA) – Hazard Identification

Health	Flammability	Reactivity	Basis
1	1	0	Recommended Homan Corp.

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### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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**BOILING POINT:** IBP Approximately 555 F

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.87–0.88

**VAPOR PRESSURE (mm Hg):** Less than 0.1 mm @ 20 C

**MELTING POINT:** Pour Point approximately –33° C

**VAPOR DENSITY (Air=1):** Greater than 5

**EVAPORATION RATE (Butyl Acetate=1):** Less than 0.01

**SOLUBILITY IN WATER:** Negligible; less than 0.1% @ 1 atmosphere and 25 C

**APPEARANCE AND ODOR:** Brown yellow liquid nil to bland odor

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### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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**FLASH POINT:** 425° F Cleveland Open Cup

**FLAMMABLE LIMITS:** Estimated Values **LEL:** 0.7% **UEL:** 7.0%

**EXTINGUISHING MEDIA:** Foam water spray (fog), dry chemical carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water spray, dry chemical, foam or carbon dioxide. Use water to keep fire-exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Treat as a petroleum oil fire.

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**SECTION V – REACTIVITY DATA**

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**STABILITY:**  Unstable  Stable  
Conditions to Avoid:

**INCOMPATIBILITY:** Strong oxidizing agents – Liquid Chlorine, Concentrated Oxygen, Sodium & Calcium Hypochlorites.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Combustion may yield fumes, smoke, oxides of sulfur & nitrogen carbon monoxide & HCl.

**HAZARDOUS POLYMERIZATION:**  May Occur  Will Not Occur  
Conditions to Avoid:

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**SECTION VI – HEALTH HAZARD DATA**

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**HEALTH HAZARDS (Acute or Chronic):** Minimal Toxicity.

**ROUTES OF ENTRY/SIGNS AND SYMPTOMS:**

**EYE CONTACT:** May cause slight irritation but does not cause permanent damage.  
**SKIN CONTACT:** Contact with hot material may cause thermal burns.  
**INHALATION:** Exposure to high oil mist concentrations may lead to oil pneumonia.  
**INGESTION:** May cause nausea and vomiting. May act as a laxative. May irritate gastrointestinal tract. Does not cause permanent damage.

**CARCINOGENICITY:** Non-carcinogenic  
**NTP?:**  
**IARC MONOGRAPHS?:**  
**OSHA REGULATED?:**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None Known

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**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

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**STEPS TAKEN FOR RELEASE OR SPILL OF MATERIAL:** Contain spill, absorb, pump or wipe up. Remove remainder with solvent or detergent and water. Keep out of sewers and water ways.

**WASTE DISPOSAL METHOD:** May be given to an approved waste hauler. Observe local, state, and federal regulations for disposal of petroleum lubricant.

**PRECAUTIONS IN HANDLING & STORING:** Do not store near heat, sparks, flame or strong oxidants.

**OTHER PRECAUTIONS:** If misting occurs, control of exposures to 5 mg/m<sup>3</sup> or less is recommended.

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**SECTION VIII – CONTROL MEASURES**

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**RESPIRATORY PROTECTION:** Use supplied-air protection in confined or enclosed spaces, if needed.

**VENTILATION:** **Local Exhaust:** Use to capture vapor/mist if necessary.  
**Special:** No smoking or open lights.  
**Mechanical:** Use in confined areas.  
**Other:** Use explosion-proof machinery.

**PROTECTIVE GLOVES:** Use chemical-resistant gloves.

**EYE PROTECTION:** Use splash goggles or face shield.

**PROTECTIVE CLOTHING OR EQUIPMENT:** Use chemical-resistant apron or impervious clothing.

**WORK/HYGIENIC PRACTICES:** Minimize breathing mists. Practice good personal hygiene.