



**Chemical Name:** ESL Gear Oil 68

**Manufacturer:** DoAll

**Container size:** 5 gallon

**Location:** VLA

**Disposal:** Place empty container in trash. Give partial or full container to safety officer.

**NOTE:** DoALL's Gear Oil 68 was obsoleted in 2006, therefore, no updated MSDS is available. This MSDS will remain in place for 20 years, but without updates due to the obsolete status. Please contact Customer Service at 1-800-923-6255 or your Account Representative for an alternate product.

(06/2010)



## DoALL Cutting Fluids

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## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ESL GEAR OIL 68  
PRODUCT CLASS: MACHINE LUBRICANT  
MSDS No: MS262

### SECTION I: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: DoALL COMPANY  
ADDRESS: 1480 S. Wolf Rd. Wheeling, IL 60090  
EMERGENCY PHONE: (800) 535-5053 (INFOTRAC)  
INFORMATION: (888)362-5572  
REVISION DATE: May 1, 2006

### SECTION II: HAZARDOUS INGREDIENTS IDENTIFICATION

#### OCCUPATIONAL EXPOSURE LIMITS

<u>INGREDIENTS:</u>	<u>CAS #:</u>	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>	<u>PERCENT:</u>
Solvent Refined Paraffinic Oil	64742-64-7	5mg/M <sup>3</sup>	5mg/M <sup>3</sup>	90.0-95.0
Zinc Dialkyl Dithiophosphate	68457-79-4	---	---	2.0
Barium Sulfonate	61790-48-5	---	---	2.0

### SECTION III: PHYSICAL DATA

Boiling Point: ND  
Specific Gravity: 0.884 (Water = 1)  
Vapor Pressure: ND  
Melting Point: NA  
Vapor Density: >1 (air = 1)  
Evaporation Rate: ND (BuAc = 1)  
Solubility in Water: Insoluble  
pH: NA  
Appearance: Amber Liquid  
Odor: Petroleum

#### **SECTION IV: FIRE AND EXPLOSION DATA**

FLASH POINT: 425 °F (COC)  
EXTINGUISHING MEDIA: Carbon Dioxide, Foam, or Dry Chemical.  
FIRE FIGHTING PROCEDURES: Water stream or spray, to cool containers to prevent vapor formation and ignition, may spread fire. Fog nozzles are preferred if water is used. Wear SCBA gear in fire area.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxides of Carbon, and Sulfur Compounds.

#### **SECTION V: HEALTH HAZARD DATA**

##### ROUTES OF EXPOSURE AND EFFECTS OF OVER-EXPOSURE

INHALATION: Breathing Difficulty.  
EYE CONTACT: Minor Irritation.  
SKIN CONTACT: Defatting and/or minor irritation.  
SKIN ABSORPTION: Not expected to occur.  
INGESTION: Nausea, and/or Diarrhea.

##### CARCINOGENICITY:

LISTED BY NTP: No.  
LISTED BY IARC: No.  
LISTED BY OSHA: No.

##### EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove person to fresh air. If necessary, support breathing. Get Medical attention.  
EYE CONTACT: Flush with water for 15 minutes. If irritation persists, get Medical attention.  
SKIN CONTACT: Wash exposed area with mild soap and warm water only. Do not use harsh soap or solvent.  
SKIN ABSORPTION: Not likely to occur, if an event occurs, get Medical attention.  
INGESTION: Keep person warm and quiet. Get Medical attention.

#### **SECTION VI: REACTIVITY DATA**

STABILITY: Stable.  
INCOMPATIBILITY: Strong Oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon and Sulfur Compounds.  
HAZARDOUS POLYMERIZATION: Will not occur.

#### **SECTION VII: HANDLING PRECAUTIONS**

##### IN CASE OF ACCIDENTAL RELEASE:

SMALL SPILLS: Use absorbent material.  
LARGE SPILLS: Dike and pump into drums.  
RESIDUE: Mop with soap and water.  
WASTE DISPOSAL METHOD: Treat as an oily waste and dispose of in accordance with local, state, and federal regulations.  
STORAGE: Store dry in a closed container in a cool place away from any fire source.  
OTHER PRECAUTIONS: Avoid breathing MIST.

## **SECTION VIII: PROTECTIVE MEASURES**

**VENTILATION:** General mechanical ventilation should be adequate. If misting occurs, provide local ventilation.

**PROTECTIVE GLOVES:** The use of NEOPRENE gloves that are impermeable to oil is recommended.

**EYE PROTECTION:** Safety goggles or face shield are recommended.

**OTHER PROTECTION:** An emergency shower and eyewash should be available in the work area. Practice reasonable personal hygiene. Wash exposed skin with mild soap and warm water only. Oil-soaked clothing should be changed promptly and laundered before re-wearing.

## **SECTION IX: REGULATION COMPLIANCE INFORMATION**

**CAA:** Contains no ozone depleting substance.

**DOT:** Not classified as hazardous.

**RCRA:** As received, not a hazardous waste material.

**SARA:** Contains 2% Barium Sulfonate (61790-48-5)  
Contains 2% Zinc Dialkyl Dithiophosphate (68457-79-4).

**TSCA:** All ingredients are registered.

**VOC:**

## **SECTION X: HMIS**

**HEALTH:** 2

**FLAMMABILITY:** 1

**REACTIVITY:** 1

### Abbreviations and Symbols used in this MSDS:

NA - Not Applicable < -Less Than  
ND - Not Determined > -Greater Than  
BuAc Butyl Acetate

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