



# MATERIAL SAFETY DATA SHEET

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## Section 1 Identification

Product Identification

**KG-4 Gun Oil**

Manufacturer's Name

KG Industries, LLC  
204 Mustang Cove  
Mustang Creek Industrial Park  
Taylor TX 76574

Information Phone # (800) 348-9558  
USA Phone EM #: (800) 424 9300  
International Phone EM#: (703) 527 3887

## Section 2 Hazardous Ingredients

<b>Ingredient</b>	<b>Percent</b>	<b>CAS No</b>	<b>Classification at conc. %</b>
Zinc dithiophosphate		19210-06-1	
No published exposure limits			
Mineral Seal Oil	>0.1%	64742-30-9	Carc. Cat. 2; R45
No published exposure limits			
Barium Phenate	<5	not listed	
No published exposure limits			
Distillates (petroleum), hydrotreated middle	>0.1%	64742-46-7	Carc. Cat. 2; R45
No published exposure limits			
Naphthenic Distillate	12%	64742-53-6	Carc. Cat. 2; R45

## Section 3 Hazards Identification

The product is classified as a carcinogen and is restricted to professional use only. Prolonged contact with the skin may cause dermatitis by a de-fatting action.

## Section 4 First Aid Measures

In the event of contact with eyes, wash immediately with clean water or eyewash solution for 10 - 15 minutes. Obtain medical advice if there are persistent symptoms. In the event of contact with the skin or mouth, remove contaminated clothing and wash the affected area liberally with soap and water and rinse mouth repeatedly with drinking water without swallowing.

In the event of inhaling vapours or aerosol of the product, remove from exposure, maintain airway and give mouth-to-mouth respiration if breathing stops. Obtain medical attention.

## Section 5 Fire - Fighting Measures

Use dry chemical, carbon dioxide or alcohol foam

Evacuate hazard area of unprotected personnel.

Fire fighters should wear full protective clothing and approved self-contained full face breathing apparatus operated in the positive pressure demand mode.

### **Section 6 Accidental Release Measures**

Evacuate the hazard area of unprotected personnel.  
Wear appropriate clothing and respirator.  
Ensure there are no sources of ignition.  
Spillages should be absorbed in a suitable medium and shovelled into sealed containers for disposal

### **Section 7 Handling and Storage**

Handle carefully to avoid skin contact and inhalation of aerosols.  
Store in a cool, dry well ventilated location away from incompatible materials.  
Avoid contact with strong oxidizing agents.  
Always have to hand agreed First Aid items.

### **Section 8 Exposure Controls / Personal Protection**

Use in a well ventilated location, preferably over a tray that would contain any spillage and can be thoroughly washed  
Wear disposable impervious gloves and apron and discard immediately if contaminated  
Do not hold rags wetted with product, even with gloved hands. Use tongs or a paintbrush or pad.  
If working at eye-level, wear chemical goggles

### **Section 9 Physical and Chemical Properties**

Odour: Mild hydrocarbon odour  
Colour: Dark  
Melting Point: N/A  
Boiling Point: N/A  
Specific Gravity: 1.050  
Water Solubility: Negligible

### **Section 10 Stability and Reactivity**

Stable Hazardous polymerisation will not occur  
Avoid contact with strong oxidizing agents.  
Carbon Monoxide and other unidentified organic compounds may be formed in the presence of combustion.

### **Section 11 Toxicological information**

Zinc dithiophosphate: ORL-RAT LDLO 2130 mg kg<sup>-1</sup> 64742-53-6

Draize test on skin (rabbit): severe irritant

Oral LD50 (rat): >5000 mg/kg principle effect CNS depression

Dermal LD50 (rabbit): >2000 mg/kg

Data on the other distillates is probably similar

The oils and distillates are classified as Category 2 carcinogens by the EU and may Cause dermatitis on prolonged contact by deflating the skin.

**Section 12 Ecological Information**

Some degradation in soil and water but evaporates quickly  
Subject to photodegradation in air with the production of hydroxyl ions.  
Atmospheric half-life 1-10 days.  
Not expected to bio-concentrate or bio-accumulate.

**Section 13 Disposal Considerations**

For material recovered from large spills, use non-leaking approved containers sealed tightly and labelled properly.  
Dispose of in accordance with all local, regional and national regulations.  
Containers, even those that have been emptied will retain product residue and vapours.  
Always obey hazard warnings and handle empty containers as if they were full.

**Section 14 Transport Information**

Not hazardous according to regulations.

**Section 15 Regulatory Information**

T

R: 45

S: 53-45

**Section 16 Other Information**

For professional use only.  
Manufactured for the use in firearms / weapons maintenance

KG Industries provides the information herein in good faith. This document is only intended as a guide to the appropriate precautionary handling of the material by a trained person using this product. Regulatory requirements are subject to change and may differ from one location to another. Conditions of handling and use or misuse are beyond our control.

Do Not Use Other Cleaning Solvents / Bore Cleaner With Any KG Products