



SAFETY DATA SHEET

Issue Date 27-Feb-18

Version 2

1. IDENTIFICATION

Product Identifier

Product Name B – 56K Lubricant

Other means of identification

SDS # B – 56K

Synonyms Fatty Ester

Recommended use of the chemical and restrictions on use

Recommended Use Lubricant additive

Uses advised against Industrial use only.

Details of the supplier of the safety data sheet

Manufacturer Address

Pro-Chem-Co, Inc.
2319 Ripley Streets
Lake Station, IN 46405

Emergency telephone number

Company Phone Number 219-962-8554
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Appearance Clear pale-yellow

Physical state liquid

Odor Odorless

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Signal Word



Warning

Hazard Statements

Causes skin irritation
Causes serious eye irritation

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

NAME	CAS NUMBER	%
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4. FIRST AID MEASURES

First aid measures

General advice	If you feel unwell, seek medical advice.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Skin Contact	Wash with soap and water.

Most important symptoms and effects, both acute and delayed

Symptoms	Direct contact with eyes may cause temporary irritation. May cause nausea, vomiting, stomach ache, and diarrhea.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water spray to cool fire-exposed containers. Water spray (fog). Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media Not determined.

Specific hazards arising from the chemical

None in particular.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Oxides of sulfur.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment as required
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Methods and material for containment and cleaning up

Methods for containment Absorb spill with inert material (e.g. dry sand or earth).
Methods for cleaning up Recover free liquid.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash thoroughly after handling. Discard shoes that become saturated with product. Never pierce, drill, grind, cut, saw or weld any container.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry, well-ventilated place. Store between 100-130 F. Stainless steel and plastic drums are suitable for storage. Keep away from incompatible materials, open flames, and high temperatures.
Incompatible materials Acids. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).
Skin and body protection Wear suitable gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact.
Respiratory protection Ensure adequate ventilation, especially in confined areas. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	
Appearance	Clear	
Color	Yellow liquid	
Property	Values	
pH Not determined	Melting point/freezing point Not determined	Boiling point/boiling Range 343°F
Flash point	320°F	Flammability (solid, gas) Not determined
Flammability Limits in Air	COC Evaporation rate less than water	
Upper flammability limits	Not determined	
Lower flammability limit	Not determined	
Vapor pressure	Not determined	
Vapor density	>1	

Specific Gravity	0.861
Water solubility	Insoluble
Solubility in other solvents	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	Not determined

Other Information

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Keep out of reach of children.

Incompatible materials

Acids. Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Toxic effects

Oral – rat LD₅₀ 32,000 mg/kg

Skin corrosion/irritation

Skin - Rabbit Skin irritation

Component Information

Information on physical, chemical and toxicological effects

Symptoms See "likely routes of exposure".

Carcinogenicity	Carcinogenic potential is unknown.
Chronic toxicity	Prolonged exposure may cause chronic effects.

Numerical measures of toxicity- Product

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity**Persistence and degradability**

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of waste**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

International Inventories

US Federal Regulations

SARA 311/312 Hazard Categories

US State Regulations

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	Flammability	Instability	Special Hazards Not
	2	1	0	Applicable Personal
<u>HMIS</u>	Health hazards	Flammability	Physical hazards	protection Not
	2	1	0	Applicable

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Revision Note

new format

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End of SafetyData Sheet