

1. IDENTIFICATION:

PRODUCT NAME: KAL-GARD AI  
PRODUCT CODE: PKGAI  
PRODUCT USE.: Low Friction Coating  
Manufacturer:

HMIS CODES H F R P  
2\*3 0 G

EVERLUBE PRODUCTS  
100 COOPER CIRCLE  
PEACHTREE CITY, GA 30269

EMERGENCY PHONE (24 hours): CHEMTREC - 800-424-9300  
INFORMATION PHONE (8:00 a.m - 5:00 p.m EST): (770) 261-4800  
NAME OF PREPARER: CHEMICAL COMMUNICATIONS COORDINATOR  
DATE PREPARED: 11/1/2019

2. HAZARDS IDENTIFICATION



CLASSIFICATION:

Highly Flammable Liquid and Vapors - Category 2  
Acute Toxicity, Dermal - Category 3  
Acute Toxicity, Inhalation - Category 3  
Acute Toxicity, Oral - Category 3  
Carcinogenicity - Category 2  
Serious Eye Irritation - Category 2  
Skin Corrosion/Irritation - Category 2  
Specific target organ toxicity, single exposure - Category 3

SIGNAL WORD:

DANGER

HAZARDS STATEMENT:

H225-Highly flammable liquid and vapors  
H301-Toxic if swallowed  
H311-Toxic in contact with skin  
H315-Causes skin irritation  
H319-Causes serious eye irritation  
H331-Toxic if inhaled  
H335-May cause respiratory irritation  
H336-May cause drowsiness or dizziness  
H351-Suspected of causing cancer

PRECAUTIONARY STATEMENTS:

P202-Do not handle until all safety precautions have been read and understood.  
P210-Keep away from heat/sparks/open flames/hot surfaces - No smoking  
P242-Use only non-sparking tools.  
P280-Wear protective gloves/eye protection/face protection.  
P403-P233-Store in well-ventilated place. Keep container tightly closed.  
P501-Dispose of contents/container in accordance with local/regional/national/regulation.

## SAFETY DATA SHEET

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
ETHANOL	64-17-5	30% - 35%
OSHA PEL 1000.000 ppm TWA NIOSH REL 1,000 ppm TWA NIOSH REL 1,900 mg/m3 OSHA Z-1 1,000 ppm TWA OSHA Z-1 1,900 mg/m3 ACGIH 1,000 ppm STEL LD50 ORAL 7060 mg/kg (rat) LC 50 INHALATION 124.7 mg/l (rat) LC50 FISH 15,300 mg/l 96h EC50 DAPHNIA 5,012mg/l 48hr EC50 ALGAE 275 mg/l 72 hr		
METHYL ETHYL KETONE	78-93-3	25% - 30%
ACGIH TLV: 200 ppm ACGIH STEL: 300 ppm NIOSH REL: TWA 200 ppm NIOSH REL: TWA 590 mg/m3 OSHA P0: TWA 200 ppm OSHA P0: TWA 590 mg/m3 OSHA P0: STEL 300 ppm OSHA P0 STEL 885 mg/m3 EC50 ALGAE ?100 mg/l 96 hr LD50 ORAL 3400.0 mg/kg (RATS) DC50 VAPORS 2000 PPM (RATS) LC50 FISH 100 mg/l 96 hr EC50 DAPHNIA >100 mg/l 48 hr		
ISOPROPANOL	67-63-0	0% - 5%
ACGIH TWA: 200 ppm ACGIH STEL: 400 ppm NOISH REL: 400 ppm NOISH REL: 980 mg/m3 NOISH STEL: 500 ppm NOISH STEL: 1,225 mg/m3 OSHA Z1 PEL: 400 ppm OSHA Z1 PEL: 980 mg/m3 LC50 DAPHNIA 10,00 mg/l 24 hr LC50 INHALATION: 16000ppm 4hr (rat) LC50 FISH 5770-7450 mg/l 95hr LD50 ORAL RAT: 5,045 mg/kg LC50 INHALATION RAT: 16,000 ppm LD50 DERMAL RABBIT: 12,800 mg/kg		
METHYL ALCOHOL	67-56-1	0% - 5%
OSHA PEL 200.000 ppm-TWA OSHA VPEL 200.000 ppm-TWA (Skin) OSHA VPEL 500.000 ppm-STEL (Skin) ACGIH TLV 200.000 ppm-TWA (Skin) ACHIH TLV 250.000 ppm-STEL (Skin) LC50 VAPORS 1600 ppm (rats) LD50 ORAL 1000.0 mg/kg (man) EC50 ALGAE 22,000.0 mg/l 96h FISH:Mortality LC50-Bluegill-15,400.0 mg/l-95h NOEC-Oryzias Latipes-7,900 mg/l-200h EC 50- Daphnia Magn ->10,000.00 MG/L-48h		
METHYL ISOBUTYL KETONE	108-10-1	0% - 5%
ACGIH TWA: 20 ppm ACGIH STEL: 75 ppm NIOSH REL: 50 ppm		

## SAFETY DATA SHEET

NIOSH REL: 205 mg/m<sup>3</sup>  
NIOSH STEL: 75 ppm  
NIOSH STEL: 300 mg/m<sup>3</sup>  
OSHA Z1-TWA100 ppm  
OSHA Z1-410 mg/m<sup>3</sup>  
OSHA P0-TWA 50 ppm  
OSHA P0-205 mg/m<sup>3</sup>  
OSHA P0-stel 75 ppm  
OSHA 300 mg/m<sup>3</sup>  
LD50 RAT ORAL: 2080 mg/kg  
LD50 INHALATION RAT: >2000 PPM, 4 hr  
LC50 RAT INHALATION 8.L2-16.4 mg/l  
LC50 FISH >179 mg/l 96h  
EC50 AQUATIC INVERTEBRATES >200 mg/l 48h  
EC50 ALGAE 400 mg/l 95h

### 4. First Aid Measures

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**Eyes:**

With eyelids open, immediately flush eyes with lots of lukewarm water for at least 30 minutes. Get immediate medical assistance.

**Skin:**

Wash the skin thoroughly with plenty of water for at least 15 minutes, using a mild and non-abrasive soap. Cold water may be used.

**Ingestion:**

Never give anything by mouth if the victim is semi-conscious, unconscious, or convulsing.

**Inhalation:**

Evacuate to fresh air and administer artificial respiration if breathing stopped. Obtain medical aid.

### 5. Fire Fighting Measures

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**Flammable Properties:**

Flash Point (Degree F) .....: 16F

Flash Point Method .....: TCC

**Explosive Limits:**

Upper explosive limit: 36.0

Lower explosive limit: 1.2

**Hazardous Combustion Products:**

Carbon, Hydrogen Sulfide, Sulfur oxide, or their compounds

**Extinguishing Media:**

CO<sub>2</sub>, foam, dry chemical or halon

**Firefighting Procedures:**

Fire-Fighters should wear self-contained breathing apparatus and full protective equipment.

Extinguish all nearby sources of ignition.

### 6. Accidental Release Measures

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**Small Spill:**

Eliminate all sources of ignition, provide ventilation, contain spill, and absorb with inert absorbent.

Wear appropriate breathing apparatus (if applicable) and protective clothing.

Use only non-sparking tools and equipment.

**Large Spill:**

Remove by mechanical means and place in containers.

Use only non-sparking tools and equipment.

**Environmental Precautions:**

Prevent product or wash waters from entering the water system or sewers.

US regulations require reporting spills of this material that could reach any surface waters. In Canada, report to the applicable provincial environment ministry.

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**7. Handling and Storage**

**Handling:**

Avoid breathing dust/fume/gas/mist/vapors/spray.

Do not get in eyes, on skin, or on clothing.

Wash contaminated clothing thoroughly after handling.

Wash skin thoroughly (with soap and water) after handling.

**Storage:**

Store in a cool, dry well ventilated place, away from incompatible materials.

Store in a closed/sealed container.

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**8. Exposure Controls/Personal Protection**

**Airborne Exposure Limits:**

Mixture, see section 3

**Engineering Controls:**

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below the threshold limit values.

Use explosion-proof electrical/ventilating/lighting equipment.

Prevent the product or the wash waters from entering the water system or sewers.

**Personal Protective Equipment:**



**Respiratory Protection:**

In case of inadequate ventilation, wear respirator protection.

Use NIOSH/MSHA approved Cartridge Respirator or Mask to keep airborne mists and concentrations below the time weighted threshold limit values.

## SAFETY DATA SHEET

**Skin Protection:**

Wear protective gloves (eg Neoprene or Nitrile) for skin protection.

**Eye Protection:**

Wear eye protection/face protection. Contact lenses should not be worn without goggles.

**9. Physical and Chemical Properties**

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Flammability (solid, gas).....: Data not available  
 Boiling Point .....: 148.5F  
 Melting Point .....: Data not available  
 VOC.....: 715 grams/liter  
 Freezing Point .....: Data not available  
 Flash Point .....: 16F  
 Vapor Pressure .....: Data not available  
 Vapor Density .....: Heavier than air.  
 Solubility in Water .....: Slightly Soluble  
 Density.....: 8.8 lb/gl  
 Evaporation Rate .....: Faster than n-Butyl Acetate.  
**Explosive Limits:**  
     Upper Explosive Limit .....: 36.0  
     Lower Explosive Limit .....: 1.2  
 Specific Gravity .....: 1.05684  
 PH .....: None known  
 Volatile (% by Weight).....: 65%  
 Appearance and Odor .....: Gray/Black liquid, organic solvent odor  
 Odor Threshold .....: Not applicable  
 Viscosity .....: Not applicable  
 Partition Coefficient:.....: Data not available  
 Decomposition Temperature ...: Data not available  
 Autoignition temperature.....: Data not available

**10. Stability and Reactivity**

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**Chemical Stability (Conditions to Avoid):**

Stable under normal conditions.

**Incompatibility:**

Oxidizers, Strong Acids or Alkalies.

**Hazardous Decomposition Products:**

Irritating and/or toxic fumes including the following may be released:

Carbon, Hydrogen Sulfide, Sulfur oxide, or their compounds

**Hazardous Polymerization:**

Will not occur.

**11. Toxicological Information**

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**Acute Toxicity Values:**

Mixture, see section 3 - Hazardous Ingredients

**Germ Cell Mutagenicity:**

None known

**Chronic/Carcinogenicity:**

IARC (International Agency for Research of Cancer):

Group 2B-Possibly carcinogenic to humans

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NTP (National Toxicology Program):

None known

**Reproductive Toxicity:**

None known

**STOT-single exposure:**

May cause respiratory irritation

**STOT-repeated exposure:**

None known

**Aspiration Hazard:**

None known

**Routes of Exposure:**

Skin contact, skin absorption, eye contact, inhalation

### 12. Ecological Information

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**Environmental Fate:**

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Canadian and U.S. regulations require that environmental and/or other agencies be notified of a spill incident. The spill area must be cleaned and restored to the original condition or to the satisfaction of authorities.

**Environmental Toxicity:**

Data not available

**Persistence and Degradability:**

Data not available

**Bioaccumulative Potential:**

Data not available

**Mobility in Soil**

Data not available

**Other Adverse Effects:**

None known

### 13. Disposal Considerations

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**Disposal Methods:**

Dispose of contents/container to: A licensed waste disposal facility. Do not attempt to combust waste on-site. Incinerate at a licensed waste disposal site with approval of environment authority.

### 14. Transport Information

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Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO) Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

**UN Number:**

UN 1263

**UN Shipping Name:**

PAINT RELATED MATERIAL

EVERLUBE<sup>®</sup> PRODUCTS  
SAFETY DATA SHEET

Transport Hazard Class:  
Class 3



Packing Group:  
Group II

**ENVIRONMENTAL HAZARDS:**

Marine Pollutant:  
None known

Special Precautions for User:  
None known

**15. Regulatory Information**

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**U.S. Federal Regulations:**

**TSCA:**

ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OR ARE  
EXTINCT FROM REQUIREMENTS

**CERCLA: SARA Hazard Category:**

**Section 313:**

IF THIS MATERIAL HAS ANY COMPONENTS THAT ARE REPORTABLE UNDER SARA 313  
THEY ARE SHOWN IN THE FOLLOWING LISTING. IF THE LISTING IS BLANK, THERE  
ARE NO REPORTABLE COMPONENTS.

COMPONENT	CAS #	% BY WT.
ISOPROPANOL	67-63-0	0% - 5%
METHYL ALCOHOL	67-56-1	0% - 5%

**FRANK DODD SECTION 1502:**

ALL COMPONENTS OF THIS PRODUCT COMPLY WITH TITLE 15 OF THE US CONSUMER  
FINANCIAL PROTECTION ACT, DODD-FRANK ACT SECTION 1502 (CONFLICT  
MINERALS ACT).

**State Regulations:**

**California Prop 65:**

This product contains a chemical known to the State of California to  
cause cancer.

This product contains a chemical known to the State of California to  
cause birth defects or other reproductive harm.

**International Regulations:**

**WHMIS:**

B2, D2A, D2B,

**SAFETY DATA SHEET****CEPA (Canadian Environmental Protection Act)**

ALL INGREDIENTS ARE CEPA APPROVED FOR IMPORT TO CANADA. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATION (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

**EINECS (European Inventory of Existing Chemical List)**

ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON THE EUROPEAN INVENTORY OF EXISTING CHEMICALS LIST

**16. Other Information**

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**Date of Preparation:** 11/1/2019

**KEY/LEGEND**

ACGIH: American Conference of Governmental Industrial Hygienists  
ADR: International Carriage of Dangerous Goods by Road  
RID: International Carriage of Dangerous Goods by Rail  
CAS: Chemical Abstracts Service  
CERCLA: Comprehensive Environmental Response, Compensation, & Liability Act  
DOT: Department of Transportation  
HMIS: Hazardous Materials Identification System  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
IDL: Immediately Dangerous to Life  
IMDG: International Maritime Dangerous Goods  
IMO: International Maritime Organization  
LC: Lethal Concentration  
LD: Lethal Dose  
NIOSH: National Institute for Occupational Safety & Health  
OSHA: Occupational Safety & Health Administration  
PPM: Parts Per Million  
REL: Recommended Exposure Limit  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short-term Exposure Limits  
STOT: Specific Target Organ Toxicity  
TLV: Threshold Limit Value  
TSCA: Toxic Substances Control Act  
TWA: Time Weighted Average  
VOC: Volatile Organic Compounds  
WHMIS: Workplace Hazardous Materials Information System

**Manufacturer Disclaimer:**

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION AND RECOMMENDATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AT THE TIME OF PREPARATION OR OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, IT IS THE USERS RESPONSIBILITY TO DETERMINE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OWN USE OF THE PRODUCT. EVERLUBE PRODUCTS ASSUMES NO RESPONSIBILITY. THE CUSTOMER OR RECIPIENT OF THIS SDS SHOULD ENSURE THAT THE INFORMATION CONTAINED IN THIS SDS IS MADE AVAILABLE TO ALL EMPLOYEES OR OTHER PERSONS WHOM HE KNOWS OR BELIEVES WILL USE THIS MATERIAL