

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8711

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SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Name:

ALKOLUB 8711

Chemical Name:

BLEND OF ESTERS

CAS#:

CHEMICAL BLEND

Recommended Use:

METAL LUBRICANT

Manufacturer's/Supplier's Identification:

Alko America

P.O. Box 5771

Spartanburg, SC 29304

Emergency Phone Number: 864-573-7585

Section 2. Hazards Identification

Classification:

Skin Irritation - Category 2

Eye Irritation-Category 2B

Hazardous to the Aquatic Environment-(Acute Hazard)-Category 3

Hazardous to the Aquatic Environment-(Chronic Hazard)-Category 4

Signal Word:

WARNING!

Symbol:



Hazard Statements:

Health

Causes eye irritation. Causes skin irritation.

Environmental

Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

Prevention

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Disposal

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3. Composition/Information On Hazardous Ingredients

Component Name	CAS Number	% by Weight
BUTYL STEARATE	123-95-9	60
ISOPROPYLAMINE DODECYLBENZENE SULFONATE	90218-35-2	20

Section 4. First Aid Measures

Eyes:

IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES. IF IRRITATION IS SEVERE OR CONTINUES AFTER RINSING, GET MEDICAL ATTENTION.

Skin:

IF SKIN IRRITATION IS SEVERE OR CONTINUES, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. DISCARD CONTAMINATED SHOES.

Inhalation:

IF AFFECTED BY BREATHING VAPOR, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

Ingestion:

IF SWALLOWED CONTACT PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. INDUCE VOMITING ONLY ON ADVICE OF PHYSICIAN.

Section 5. Fire Fighting Measures

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Suitable Extinguishing Media:

WATER SPRAY OR MIST, CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:

USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS.

Precautions for Fire Fighting:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Hazardous Combustion Products:

CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Section 6. Accidental Release Measure

Personal Precautions/ Protective Equipment:

REMOVE ALL UNNECESSARY PERSONNEL AND VENTILATE AREA.FOR PERSONAL PROTECTIVE EQUIPMENT SEE SECTION 8.

Environmental Precautions:

KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

Methods for Cleaning Up:

CONTAIN SPILL AND SALVAGE AS MUCH MATERIAL AS POSSIBLE BY PUMPING TO A SALVAGE TANK OR DRUM.PICK UP REMAINING MATERIAL WITH A SUITABLE ABSORBENT.

Section 7. Handling and Storage

Precautions for Safe Handling:

KEEP CONTAINER CLOSED WHEN NOT IN USE.WASH CONTAMINATED CLOTHING BEFORE RE-WEARING.WEAR CHEMICAL RESISTANT GLOVES.WEAR CHEMICAL SPLASH GOGGLES.AVOID BREATHING MISTS OR VAPORS.AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

Conditions for Safe Storage:

STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING._KEEP CONTAINER TIGHTLY CLOSED AND STORED IN A WELL VENTILATED PLACE.

Incompatibilities:

STRONG OXIDIZERS.

Section 8. Exposure Controls and Personal Protection

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Exposure Limits

<u>Chemical Name</u>	<u>CAS #</u>	<u>Exposure Limit/Value</u>	<u>Type</u>	<u>Source</u>
BUTYL STEARATE	123-95-9	10 mg/m ³	TWA	OSHA
ISOPROPYLAMINE DODECYLBENZENE SULFONATE	90218-35-2	None	None	None

Appropriate Engineering Controls:

SAFETY SHOWER/EYE BATH.GOOD GENERAL VENTILATION SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS PRESENT.

Personal Protective Equipment

Eyes:

WEAR SAFETY GLASSES OR PROTECTIVE FACE SHIELD.

Skin:

WEAR CHEMICAL RESISTANT GLOVES, CLOTHING AND FOOTWEAR.

Respiratory:

IF AIRBORNE CONCENTRATIONS POSE A HEALTH HAZARD, BECOME IRRITATING, OR EXCEED RECOMMENDED LIMITS, USE A NIOSH APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA RESPIRATORY PROTECTION REQUIREMENTS UNDER 29 CFR 1910.134.

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Section 9. Physical and Chemical Properties

Appearance:CLEAR AMBER LIQUID

Odor: LIGHT ESTER ODOR

pH: 6.0 to 7.0 (1% sol)

Solubility in Water:SOLUBLE

Specific Gravity @ 25C:0.93 g/mL

Boiling Point: >212° F

Flash Point: >212° F

Viscosity @ 25C: 35 cps

Melting Point: Not Available

Freezing Point: Not Available

Vapor Pressure @ 25C: Not Available

Evaporation Rate: Not Available

Section 10. Stability and Reactivity

Chemical Stability:

STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

Conditions to Avoid:

HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES.

Incompatible Materials:

STRONG OXIDIZERS.

Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON MONOXIDE AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Possibility of Hazardous Reactions:

NONE ARE KNOWN.

Section 11. Toxicological Information

Acute Health Effects:

Eyes:

WILL CAUSE EYE IRRITATION.

Skin:

PROLONGED OR REPEATED CONTACT WITH THE UNDILUTED PRODUCT WILL CAUSE SKIN IRRITATION.

Ingestion:

SWALLOWING THIS PRODUCT MAY CAUSE GASTROINTESTINAL IRRITATION, DIARRHEA, NAUSEA, AND VOMITING.

Inhalation:

MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT AND LUNGS IF INHALED. AVOID PROLONGED OR REPEATED BREATHING OF SPRAY MISTS OR DUST.

Chronic Health Effects:

NOT DETERMINED.

Toxicity Values:

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BUTYL STEARATE

LD50 Oral (rat) 32,000 mg/kg

ISOPROPYLAMINE DODECYLBENZENE SULFONATE

LD50 Oral (rat) >4,000 mg/kg

LD50 Dermal (rabbit) >1,800 mg/kg

Section 12. Ecological Information

Ecotoxicity:

TOXIC TO AQUATIC LIFE.HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

ISOPROPYLAMINE DODECYLBENZENE SULFONATE

LC50 Fish 20 mg/L (96h)

Persistence and Degradability:

NO DATA AVAILABLE.

Bioaccumulative Potential:

NO DATA AVAILABLE.

Mobility in Soil:

NO DATA AVAILABLE.

Other Adverse Effects:

NO DATA AVAILABLE.

Section 13. Disposal Considerations

DISPOSE OF ONLY BY METHODS APPROVED BY AND USED IN ACCORD WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Section 14. Transportation Information

DOT Road Shipment Information (49 CFR 172.101):

NON REGULATED

Ocean Shipment (IMDG):

NON REGULATED

Air Shipment (IATA):

NON REGULATED

Section 15. Regulatory Information

TSCA Status: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY.

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EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances:

No

Section 304 CERCLA Hazardous Substances:

No

Section 311/312 Hazard Class:

Acute: Yes

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals:

None

Other Regulatory Information:

NO DATA AVAILABLE.

Section 16. Other Information

HMIS Profile:

Health:

0

Flammability:

1

Reactivity:

0

Personal Protection:

B

General Information

THIS CONTAINER HAZARDOUS WHEN EMPTY. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (VAPOR OR LIQUID), ALL LABELED HAZARDOUS PRECAUTIONS MUST BE OBSERVED. DO NOT REUSE "EMPTY PACKAGE" WITHOUT COMMERCIAL CLEANING OR RECONDITIONING. BEFORE USING THIS PRODUCT READ THE SDS FOR MORE DETAILED INFORMATION. FOR INDUSTRIAL USE ONLY. USE ONLY ACCORDING TO INFORMATION CONTAINED IN THE TECHNICAL BULLETIN AND MSDS.

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