

SDS# ALK-150, ALK-200, ALK-300  
Date: October 2015

Total Pages: 4

# Pro-Lube Alkylbenzene

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Pro-Lube Alkylbenzene  
**Catalog Number:** ALK-150, ALK-200, ALK-300  
**Manufactured by:** DiversiTech Corporation  
6650 Sugarloaf Parkway  
Duluth, GA, 30097  
**Information Phone No.:** 1+678.542.3600  
**EMERGENCY Phone No.:** 1 800.255.3924 Chem-Tel (Chemical Emergencies)  
**PREPARED BY:** V. Leone

## SECTION 2. HAZARDOUS IDENTIFICATION

### GHS Classification:

Aspiration Toxicity Category 1  
Aquatic Chronic Category 4

### Label Elements:



**Signal Word** Danger!

### Hazard Statement(s)

H304 May be fatal if swallowed and enters airways  
H413 May cause long lasting harmful effects to aquatic life.

### Precautionary statement(s)

P102 Keep out of reach of children.  
P103 Read label before use.  
P273 Avoid release to the environment.  
P301+310 IF SWALLOWED: Immediately call a poison center.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents and container to an approved facility in accordance with local, regional, national, and international regulations.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
Alkylbenzene	68855-24-3	272-472-8	100	H304 Aspiration Tox. Category 1 H413: Aquatic Chronic Category 4

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Inhalation:** Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area. Seek medical aid if breathing does not return to normal within 15 minutes.

**Ingestion:** If more than several ounces of material are swallowed, DO NOT induce vomiting. Give two 16 ounce glasses of water and get medical attention or call the nearest poison control center for advice.

# Pro-Lube-ALK™ Alkylbenzene

## SECTION 4. FIRST AID MEASURES (cont.)

**Skin Contact:** Remove contaminated clothing. Wash exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the effected person should be sent immediately to a hospital. Do not wait for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.

**Eye Contact:** Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

### 4.2. Signs and Symptoms of Exposure:

**Inhalation:** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Ingestion:** Maybe fatal if swallowed and enters airways. May cause stomach distress, nausea or vomiting.

**Skin Contact:** Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

**Eye Contact:** May cause eye temporary irritation or discomfort.

**Aggravated Medical Condition:** Contact or breathing mists may exacerbate existing skin or respiratory disorders.

## SECTION 5. FIREFIGHTING MEASURES

### Suitable and Unsuitable Extinguishing Media:

Any extinguisher suitable for Class B fires, dry chemical, CO<sub>2</sub>, water spray or firefighting foam.

### Special Equipment and Precautions for Fire-Fighters:

Firefighters should wear NIOSH/MSHA-approved pressure-demand self-contained breathing apparatus with full face piece and full protective clothing. Isolate area around container involved in fire. Burning fluid may evolve irritating/noxious fumes, smoke carbon monoxide, and minor amounts of sulfur and nitrogen. Water may cause frothing or splattering when used as an extinguishing agent.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear recommended protective clothing, including splash-proof goggles, rubber gloves, and rubber overshoes. Remove all contaminated clothing immediately. Remove unnecessary personnel from the area. Floors may be slippery; use care to avoid falling. Dike the spill immediately with inert materials to prevent the spread of liquid. Absorb the liquid with an inert absorbent such as sand, dirt, vermiculite or "oil-dri", or use commercial oil absorbent pads. Transfer absorbed material to suitable containers, and dispose of in accordance with local, state, and federal regulations. DO NOT contaminate municipal sewers or other open bodies of water with runoff.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with skin, eyes, and clothing. Keep this and all chemicals out of the reach of children.

**Conditions for Safe Storage, Including any Incompatibilities:** Store locked up and in a dry, cool, well-ventilated area. Empty containers retain residue and can be dangerous. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations. Empty drums should be consigned to a licensed drum reconditioner.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Airborne Exposure Limits:** Alkylbenzene

**OSHA PEL:** 5 mg/m<sup>3</sup> (mist) (8 hour day)

**ACGIH TLV:** 10 mg/m<sup>3</sup> (mist) (8 hour day)

**Appropriate Engineering Controls:** Local exhaust is recommended when used in enclosed areas. Use in a well-ventilated area. If mist is being generated and exceeds the TLV, a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

**Skin Protection:** Neoprene or nitrile gloves recommended to minimize skin contact. Other materials may be used if there is documented evidence of compatibility.

**Eye Protection:** Safety glasses (ANSI Z87.1) or approved equivalent.

**Other Protective Clothing:** Neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

**Work Hygienic Practices:** Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

# Pro-Lube-ALK™ Alkylbenzene

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear yellow liquid

**Odor:** Mild, petroleum odor

**Odor Threshold:** Not established

**pH @ 25°C:** Not applicable

**Melting Point (Pour Point):** Not applicable

**Boiling Point:** >314°F

**Flash Point:** 175°C (COC)

**Freezing Point:** Not applicable

**Evaporation Rate (Water = 1):** Not applicable

**Flammable Limits:**

LEL:

UEL:

**Vapor pressure (mm Hg):** 0.01Pa @20°C

**Vapor Density (Air = 1):** Not available

**Solubility in water:** Insoluble in water

**Octanol/Water Partition Coefficient:** Not available

**Autoignition Temperature:** >421°C

**Decomposition Temperature:** Not available

**Specific Gravity:** 0.86

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** Excessive heat; formation of oil mist.

**Incompatible Materials:** Strong oxidizers, strong alkalis, strong acids, and compressed oxygen.

**Hazardous Decomposition Products:** Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Potential Health Effects:**

**Inhalation:** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Ingestion:** May cause stomach distress, nausea or vomiting.

**Skin Contact:** Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

**Eye Contact:** May cause eye temporary irritation or discomfort.

**Aggravated Medical Condition:** Contact or breathing mists may exacerbate existing skin or respiratory disorders.

**Teratogenicity/Reproductive toxicity:** Not expected to be a hazard.

**Mutagenic effects:** No information.

**Numerical Measures of Toxicity:**

The acute dermal LD50 (rabbits) was greater than 5g/kg for a similar product.

The acute oral LD50 (rat) was greater than 5 g/kg for a similar product.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** 96-hr LC50 Rainbow Trout: >1000 mg/l practically non-toxic 96-hr LC50 Sheepshead Minnow: >1000 mg/l practically non-toxic

**Aquatic:** No information.

**Persistence and Degradability:** This material is not expected to be readily biodegradable.

**Bioaccumulative Potential:** No information.

**Mobility in Soil:** No information.

## SECTION 13. DISPOSAL CONSIDERATIONS

Incinerate this material and all associated wastes in accordance with governmental regulations.

# Pro-Lube-ALK™ Alkylbenzene

## SECTION 14. TRANSPORTATION INFORMATION

DOT HAZARD LABEL: None

UN#: None

This product is not considered as dangerous for transit by the RID, ADR, ADNR, IMDG and IATA-DGR regulations.

## SECTION 15. REGULATORY INFORMATION

**This product is listed on the following regulatory inventory:** Australia (AICS), Canada (DSL), China (CCS), Europe (EINECS), Japan (ENCS), Korea (KICS), Philippines (PICCS), US & Puerto Rico (TSCA) US Federal Regulations: This product is not known to be a "hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. No components are on the US EPA TSCA list.

**State Regulations:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive hazard.

**Occupational Safety and Health Administration (OSHA):**

1910.H.119 PSM Highly Hazardous Chemicals: Not listed

1910.Z.1200 Hazardous Chemical: Not listed

EPA CERCLA 302.4 List of Hazardous Substances: Not listed

EPA CWA 116.4 List of Hazardous Substances: Not listed

EPA CERCLA 372 SARA Titles III 313 Toxic Chemicals/Categories: Not listed

EPA CAA Hazardous Air Pollutants: Not listed

EPA CERCLA SARA Title III 311/312 Hazard Categories: None

## SECTION 16. OTHER INFORMATION:

Revision Summary: All Sections: New GHS Format

SDS DATE REVISED: 10/26/2015

NFPA/HMIS III Ratings: Health: 1 Flammability: 1 Reactivity: 0

Refer to NFPA 704 "Identification of the Fire Hazards of materials" for further information.

HMIS III®

Health	1
Flamability	1
Physical Hazard	0
Personal Protection	B

*This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.*