

**UNITED LABORATORIES INTERNATIONAL LLC
MATERIAL SAFETY DATA SHEET**

FastEntry™ K15

Revised: July 25, 2013

Revision Number: 4

1. Company and Product Identification

Trade Name:	FastEntry™ K15
Application:	Demulsifier
Manufacturer/Supplier:	United Laboratories International, LLC 12600 North Featherwood Drive Suite 330 Houston, Texas 77034 Phone: (281) 443-0300 Fax: (713) 672-3988
Emergency Contact:	Chemtrec: (352) 323-3500
Prepared By:	Technical Specialist: (281) 443-0300

2. Composition/Information on Ingredients

All chemicals are considered non-hazardous according to California Proposition 65, are non-hazardous according to OSHA 29 CFR 1910.1200, and are not reportable under SARA III Section 313; unless otherwise noted below.

Component	CAS #	%	ACGIH TLV	OSHA PEL
Alkyl Aryl Sulfonate	Proprietary	55 - 75	N/A	N/A
Polyethylene glycol monostearate	9004-99-3	< 1	10 mg/m3	N/A
Betaine	Proprietary	0.05 - 1.0	N/A	N/A
Carboxylic acid methyl ester	Proprietary	< 0.1	N/A	N/A
Diesel	68334-30-5	25 - 45	100 mg/m3	N/A

3. Hazard Identification

Emergency Overview: Prolonged exposure may cause irritation to the skin and eyes. Wash affected areas with approved soap and water.

Routes of Exposure:

- **Eyes:** May cause redness, irritation, tearing.
- **Skin:** May cause irritation.
- **Inhalation:** No affect from routine use. When heated, vapors may form which may cause irritation to the respiratory system, dizziness, and nausea.
- **Ingestion:** May cause irritation to the mouth, esophagus, and stomach. Can cause nausea, vomiting and diarrhea.

Chronic Exposure: Repeated exposure through any route may cause symptoms similar to acute toxicity.

Special Precautions: Combustible liquid. Store in well ventilated place away from ignition sources.

HMIS	
FastEntry™ K15	
Health	2
Flammability	2
Physical Hazard	0
PPE	H

4. First Aid Measures

Eye Contact: Flush with water for at least 20 minutes, occasionally lifting upper and lower eyelids. Seek medical attention immediately.

Skin Contact: Flush affected area with plenty of water for at least 20 minutes. Remove contaminated clothing and/or footwear. Wash contaminated clothing and/or footwear before reuse. Seek medical attention if irritation persists.

Ingestion: Immediately rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything via mouth to an unconscious person. See medical attention immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration if necessary. If breathing is difficult, give oxygen. Seek medical attention immediately.

5. Fire Fighting Measures

Fire: Combustible liquid.

Explosion: In a fire or if heated, a pressure increase will occur and the container may burst with the risk of a subsequent explosion.

Fire Extinguishing Media: Use dry chemical, CO₂, foam, or powder to extinguish fire.

Hazardous Thermal Decomposition Products: Carbon dioxide, carbon monoxide, sulfur oxides.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved SCBA with full face-piece operated in the pressure demand or positive pressure mode.

6. Accidental Release Measures

Spill or Leak: Ventilate the area of the leak or spill. Wear protective equipment as specified in Section 8. This product is biodegradable and small amounts can be discharged to industrial sewers. Do not flush bulk releases to sewer or release into waterways.

- **Small Spill or Leak:** Collect in an appropriate container or absorb with an inert material (i.e., vermiculite, dry sand, diatomaceous earth) and place in a chemical waste container. Do not use combustible materials, such as saw dust.
- **Large Spill or Leak:** For containment, dike far ahead of spill. Cover with inert material (i.e., vermiculite, dry sand, diatomaceous earth) and place material in an approved chemical waste container. Do not use combustible materials, such as saw dust.

Regulatory Requirements: U.S. Regulations (CERCLA) require reporting spills and/or releases to soil, water, and air in excess of reportable quantities. The toll free number for the U.S. Coast Guard National Response Center is (800) 424-8802.

7. Handling and Storage

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat and incompatibilities. Protect from freezing. Observe all warnings and precautions listed for this product.

8. Exposure Control/Personal Protection

Skin Protection: Wear protective clothing such as boots, gloves, lab coat, apron, or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Per eye and face protection regulations (29 CFR 1910.133), use chemical safety glasses/goggles or full face shield where dusting or splashing of solutions is possible.

Ventilation: Provide local or general exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (see below.)

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks) wear a SCBA. Warning! Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

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If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and sanitary storage.

Contaminated Clothing: Separate contaminated clothing from non-contaminated clothing. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Engineering Controls: Not applicable

9. Physical and Chemical Properties

Physical State: Liquid

Color: Amber to dark brown

Odor: Hydrocarbon

Solubility: Negligible solubility in water

Specific Gravity (at 70° F): 0.968

Density (lbs/gal): 8.07

pH (1% solution): 7 - 9

Boiling Point: ca. 300° F

Melting Point: N/A

Vapor Density (Air=1): >5

Vapor Pressure (mmHg): No information found

Evaporation Rate (BuAc=1): No information found

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Polymerization: No hazardous polymerization will occur.

Incompatibilities: Reactive or incompatible with oxidizing materials and strong bases.

Conditions to Avoid: Heat, flames, ignition sources, and incompatibles.

11. Toxicological Information

Acute Toxicity

Diesel:	LD50 Oral	Rat	7500 mg/kg
Specific Alkyl Dodecylbenzene Sulfonate:	LD50 Oral	Rat	760 mg/kg
	LD50 Dermal	Rabbit	2000 mg/kg

Chronic Toxicity

Diesel:	No data available.
Specific Alkyl Dodecylbenzene Sulfonate:	No data available.

Carcinogenicity Classification

Specific Alkyl Dodecylbenzene Sulfonate:	Not listed as carcinogenic by NTP, IARC, or AIGIH. Not regulated as a carcinogen by OSHA.
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12. Ecological Information

Biodegradability: Not available.
Aquatic Toxicity: Not available.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use, or contamination of this product may change the waste management options. Always dispose of in accordance with local, state, and federal regulations. Recommend puncturing or crushing of containers to prevent unauthorized use of used containers.

14. Transport Information

DOT Combustible Liquid, Class 3, Packing Group III, UN1993.

15. Regulatory Information – selected regulations represented, not all-inclusive.

HCS Classification: Combustible liquid, irritating material, target organ effects.

U.S. Federal regulations:

United States inventory (TSCA 8b): All components listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: no products found.

SARA 302/304 emergency planning & notification: no products found.

SARA 302/304/311/312 hazardous chemicals: no products found.

CERCLA: reportable quantity for C10-C16 benzene sulfonic acid alkyl derivatives: 1000 lbs.

Canada (Designated Substance List): All components are listed or exempted.

WHMIS (Canada): Class B-3: Combustible liquid with flash point between 100F and 200F.

Class D-Division 2B: eye irritant.

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulations/WHMIS) and the MSDS contains all the information required by the CPR.



Markings according to EU/ECC guidelines:

Code letter and hazard designation: Xn: Harmful
 N: Dangerous for the Environment

Germany Water Endangering Classes (WGK): 2

Risk Phrases: R36/38: Irritating to eyes, skin.

R51: Toxic to aquatic organisms.

R53: May cause long term adverse effects in the aquatic environment.

R65: Harmful; may cause lung damage if swallowed.

Safety Phrases: S24/25: Avoid contact with skin/eyes.

S37/39: Wear suitable gloves and eye/face protection.

S61: Avoid release to the environment.

16. Other Information

NFPA Rating: Health: 2 Flammability: 2 Instability: 0

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