

# Safety Data Sheet

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HUB-DRAW AK-LF

Revised: 11/13/17

## 1 IDENTIFICATION

Product Name: HUB-DRAW AK-LF

Product Code : 2530015

Recommended use of the chemical and restrictions on use: Alkaline Liquid Cleaner

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone : 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

## 2 HAZARDS IDENTIFICATION

Signal Word: WARNING

Hazard Category: Acute Toxicity-Oral Hazard Category 4

Skin Corrosion/Irritation Hazard Category 2

Eye Damage/Irritation Hazard Category 2B

Acute Aquatic Toxicity-Category 3

Hazard Statements: Harmful if swallowed.

Causes eye irritation.

Causes skin irritation.

Harmful to aquatic life

Prevention: Do not eat, drink, or smoke when using this product.

Wash skin thoroughly after handling.

Wear protective gloves, chemical protective clothing, eye protective goggles and face shield for face protection.

Do not breath dusts or mists.

Keep only in original container.

Avoid releases to the environment

Response: If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing Rinse skin with water/shower .

Wash contaminated clothing before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

Specific treatment - refer to poison center or doctor for advice.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

### 3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Dipropylene Glycol Monomethyl Ether	-	34590-94-8	<15%

### 4 FIRST AID

After Skin Contact:

If on skin immediately wash with plenty of water. Get medical attention.

After Eye Contact:

Do not allow victim to rub or keep eyes tightly shut. Gently lift eyelids and flush immediately and continuously with flooding amounts of water until transported to an emergency medical facility. Consult a physician immediately.

After Ingestion:

If swallowed: Rinse mouth. Do NOT induce vomiting.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

Call a physician or poison control center immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water. If vomiting occurs, keep head low so that the stomach content doesn't get into the lungs. Remove contaminated clothing.

## 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions,  
Protective Equipment, &  
Emergency Proc

Wear appropriate chemical protection equipment such as gloves, face-shield, goggles and suitable body protection to prevent contamination of skin, eyes and personal clothing.

Methods and Materials for  
containment & cleaning up:

Stop leak if possible without risk.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

## 7 HANDLING AND STORAGE

Precautions for safe handling:

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

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

Eating, drinking and smoking in the work area is prohibited.

Use ventilation sufficient to keep personal exposure below the OSHA Permissible Exposure Limits (PEL) and or the ACGIH Threshold Limit Value (TLV) Time Weighted Average (TWA) exposure limits.

Wash hands thoroughly after handling.

Wear rubber protective gloves, chemical protective clothing, eye protective goggles and face shield for face protection.

Speed of removing product from skin is of primary importance. Once in contact, wash off with water immediately.

Conditions for safe storage,  
inc any incompatibilities:

Keep container tightly closed.

Store in cool dry place.

Store locked up.

Store away from incompatible materials. ( See section 10).

Store in corrosive resistant container.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Dipropylene Glycol Monomethyl Ether	ACGIH	100 ppm	150 ppm

ACGIH - American Control of Governmental Hygenists  
OSHA - Occupational Safety and Health Administration

Respiratory Protection:

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Not required if proper ventilation controls are employed.

Special:

N/A

Other Protective  
Equipment:

Rubber aprons, safety shoes and similar protective clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid
Odor:	No odor
PH:	9.0-10.5
Melting Point/Freezing Point:	N/A
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	None
Evaporation Rate:	N/A
Flammability (solid, gas):	Non flammable
Upper/Lower flammability or explosive limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	Unknown
Relative Density:	1.01
Solubility (ies):	Complete in water
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

## 10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Conditions to Avoid:	Contact with incompatible materials
Hazardous Decomposition Products:	not known

## 11 TOXICOLOGICAL INFORMATION

Oral Administration:	Dipropylene Glycol Monmethyl Ether-LD50(Rat)->5000 mg/kg
Dermal administration:	Dipropylene Glycol Monmethyl Ether-LD50-Rabbit-9510 mg/kg
Irritation:	May cause irritation to skin and eyes.
Delayed effects:	Irritation / burns of skin and eyes.
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

## 12 ECOLOGICAL INFORMATION

Abiotic degradability:	No data available
Biotic degradability:	No data available
Bioaccumulation potential:	No data available
Water result:	Pronounced solubility and mobility
Soil/Sediment Result:	Pronounced solubility and mobility
Other adverse effects(such as hazardous to the ozone layer):	Not known

## 13 DISPOSAL CONSIDERATION

***Dispose of in accordance with local, state and federal regulations.***

#### 14 TRANSPORT INFORMATION

UN Number:  
UN Proper Shipping Name: NOT D.O.T. REGULATED  
Packing Group:  
ERG:  
Marine Pollutant(Y/N): N/A

#### 15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

#### 16 OTHER INFORMATION

No RoHS or REACH SVHC are contained in this product.

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.

Date Prepared: 11/12/14