



Product Information: 203-723-1437 Emergency Assistance: P-ChEM 1-800-424-5571

## SAFETY DATA SHEET

Kling-On

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Identifier: Cleaning Compound

Supplier Details: Ambion Corporation  
37 Naugatuck Drive  
Naugatuck, CT 06770  
Tel: 203-723-1437  
Fax: 203-723-0101

Emergency Contact P-ChEM: 1-800-424-5571

### 2. HAZARDS IDENTIFICATION

Danger!!

OSHA Hazards: Corrosive



#### Hazard Statement(s)

H301 Toxic if swallowed  
H314 Causes severe skin burns and eye damage  
H315 Causes skin irritation  
H319 Causes serious eye irritation

#### Precautionary Statement(s)

P202 Do not handle until all safety precautions have been read and understood  
P233 Keep container tightly closed  
P260 Do not breathe dust/fume/gas/mist/vapors/spray  
P262 Do not get in eyes, on skin or on clothing  
P264 Wash...thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor /physician.  
P303+352 IF ON SKIN: Wash with plenty of water.  
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P306+360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P332+313 If skin irritation occurs: Get medical advice/attention.  
P337+313 If eye irritation persists: Get medical advice/attention.  
P361 Remove/Take off immediately all contaminated clothing.  
P363 Wash contaminated clothing before reuse.

---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS #	EINECS#	WT%
Potassium Hydroxide	1310-58-3	215-181-3	15
Ethylene Glycol Monobutyl Ether	111-76-2	203-905-0	3

---

### 4. FIRST AID MEASURES

Ingestion (Swallowing): **DO NOT INDUCE VOMITING.** Give large quantities of water, fruit juice or milk.

Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation (Breathing): Remove patient from contaminated area. If breathing has stopped, give mouth to mouth resuscitation, then oxygen if needed. Get immediate medical attention.

Skin Contact: Remove contaminated clothing at once while washing affected area with plenty of water for at least 15 minutes. Call a physician.

Eye Contact: Wash eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids for occasionally. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

---

### 5. FIRE-FIGHTING MEASURES

Not considered to be a fire hazard.

Not considered to be an explosion hazard.

Use water, dry chemical, CO2 or foam.

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

---

NFPA	Health	Flammability	Instability	Physical Hazards
	3	0	0	N/A

---

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Do not inhale vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Take steps to prevent eye or skin contact or inhalation.

Environmental precautions:

Contain spill if possible and safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up:

To clean up spill, mop up or use absorbent material. All clean up and disposal should be carried out in accordance with federal, state and local regulations.

---

### 7. HANDLING AND STORAGE

Precautions for safe handling:

Do not get on skin or in eyes. Do not inhale vapor or mist.

Conditions for safe storage, including any incompatibilities:

Keep in a tightly closed container. Store in a cool, dry, ventilated area. Protect against physical damage. Separated from acids and alkalis. Containers of this material may be hazardous when empty since they retain product residues.

---

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits:

Material	CAS #	EINECS#	TWA (OSHA)	TLV (ACGIH)
Potassium Hydroxide	1310-58-3	215-181-3	2mg/m3 Ceiling	2 mg/m3 Ceiling
Ethylene Glycol Monobutyl Ether	111-76-2	203-905-0	24 mg/m3 Ceiling	240 mg/m3 Ceiling

### Appropriate engineering controls:

General room or local exhaust ventilations is usually required to meet exposure limits.

### Individual protection measures, such as personal protective equipment:

**Respiratory protection:** Use NIOSH approved organic vapor/acid gas respirator or canister respirator within the use limitations of these devices when lacking sufficient local ventilation to control vapors to a safe level. In all other situations use a self-contained breathing apparatus.

**Eye Protection:** Use chemical safety goggles and/or a full face shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU). Maintain eye wash fountain and quick-drench facilities in work area.

**Skin and body protection:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point :	219°F (104°C)
Vapor Pressure (mm. Hg) :	17
Vapor Density (Air=1):	0.8
Solubility in Water:	100%
Specific Gravity (Water=1) :	1.12
Melting Point :	10°F (99°C)
Evaporation Rate (n-BuOH=1) :	0.9
Appearance:	Clear, off white, light syrup
Odor:	Ether-like odor

---

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility (Materials to Avoid):** Mixing with strong acids may cause spattering and will destroy the Effectiveness of the cleaner.

**Hazardous Decomposition or Byproducts:** N/A

**Hazardous Polymerization:** Will not occur.

---

**11. TOXICOLOGICAL INFORMATION****Routes of Exposure:**

Eye, skin, inhalation, and ingestion.

**Acute Toxicity:**

Material	CAS #	EINECS#		
Potassium Hydroxide	1310-58-3	215-181-3	Oral	Rat: LD50 273 mg/kg
Ethylene Glycol Monobutyl Ether	111-76-2	203-905-0	Oral	Rat: LD50 470 mg/kg
			Inhalation	Rat: LC50 4h—450 ppm

**Symptoms:** Skin and eye irritation.**Short Term exposure:** Skin and eye irritation. May be fatal if swallowed and enters air way.**Long Term exposure:** May cause damage to organs.**Carcinogenicity:** None known.

---

**12. ECOLOGICAL INFORMATION**None available

---

**13. DISPOSAL CONSIDERATION**Product should be disposed of by federally approved hazardous waste disposal facility.

---

**14. TRANSPORT INFORMATION**

UN number	NA1760
UN proper shipping name	Compound, cleaning containing Potassium Hydroxide
Transport Hazard Class	8
Packing Group	II

---

**15. REGULATORY INFORMATION**Not available

---

**16. OTHER INFORMATION**Date Prepared: May 7, 2015

---