

Kleen All

Concentrated All Purpose Cleaner

UNI-KEM CHEMICALS, INC

802 Wm. Leigh Drive
Tullytown, PA 19007
Phone—800-752-1120
Fax— 215-269-9855

GENERAL DESCRIPTION: KLEEN ALL is a non-corrosive cleaner with "heavy duty" cleaning power. KLEEN ALL is compounded for all types of commercial and institutional general cleaning jobs. It is formulated as a concentrate to enable economical use. KLEEN ALL is safe to use on any surface which is compatible with water, and is a neutral floor cleaner. KLEEN ALL contains no harsh acids or alkalies.



KLEEN ALL will handle 90% of all cleaning jobs. Refer to the table below for recommended dilutions. Use hot or warm water to aid KLEEN ALL's emulsifying cleaning chemical action.

PHYSICAL PROPERTIES:

Chemical Composition.....	Soil suspending & penetrating agents, water conditioning agents, soil emulsifying agents.
Appearance.....	Clear Red Liquid
pH.....	9.5
pH of 1% solution	8.1
Specific gravity	1.02 (8.5 lbs/gal)
Solubility	Complete and Fast
Stability	1 Year @ Ambient Temperature
Viscosity.....	Thick
Biodegradable.....	Yes, all surfactants
Foam.....	Excellent
Rinsing	Complete

Light Duty Cleaning: (1/4 cup per gallon water) Apply with sprayer or clean cloth and wipe. Needs no rinsing.

General Cleaning: (1 cup per gallon water) Apply with scrub cloth. Allow a few seconds to loosen soil and remove. Use hot or warm water.

Heavy Duty Cleaning: (2 cups per gallon water) Apply liberally to heavy soil and allow to soak for two minutes before removing. Wipe clean with clear rinse.

HANDLING PRECAUTIONS:

CAUTION: WARNING KEEP OUT OF REACH OF CHILDREN.

Alkaline liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PACKAGING:

4 - 1 gal plastic bottles - 35 lbs net / 38 lbs gross
5 gallon plastic pails - 43 lbs net/46 lbs gross

CODE: KLAL

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

L50B BAR GLASS WASH

UNI-KEM CHEMICALS, INC.

802 Wm. Leigh Drive
Tullytown, PA 19007
Phone—800-752-1120
Fax— 215-269-9855

GENERAL DESCRIPTION: L50B ALL PURPOSE CLEANER is a medium to heavy duty, liquid cleaner. A unique blend of wetting and emulsifying agents gives L50 its superior ability to penetrate even the toughest soils. Once the bond is broken, soil is held in suspension - no redepositing. Rinsing is complete, leaving a surface that is free from residue. It is intended for use in food, beverage, dairy and other industries for penetrating and lifting greases and oils from hard surfaces such as concrete, paint composition floors, extension equipment surfaces, walls, etc. L50 All Purpose Cleaner is safe for all surfaces that are not harmed by water.

PHYSICAL PROPERTIES:

Chemical CompositionPenetrating agents;
soil and grease emulsifiers;
soil suspending agent;
water conditioning agents;
soil and grease penetrants.

AppearanceClear amber liquid
pH 10
pH of 1% solution 8.8
Specific gravity 1.011 (8.4 lbs/gal)
Stability 1 Year @ Ambient Temperature
Wetting AbilityExcellent
Free Caustic None
Foam Moderate
Rinsing Complete
Odor Mild

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DIRECTIONS FOR USE:

Dilute L50 All Purpose Cleaner to recommended strength, and spray with pump bottle directly onto surface. Allow to remain for a few seconds. Wipe clean with a damp cloth or sponge.

Removing wax, ink, dye, lipstick, rubber heel marks, cleaning canopies, whitewall tires, and all heavy duty jobs: Dilute with 5 parts water.

Cleaning Leatherette and vinyl boots, floors, tile, light fixtures, gas meters, ducts, stainless steel equipment: Dilute with 10 parts water.

Cleaning walls, glazed enamel, counter tops, painted surfaces, heating outlets, fans, aluminum window frames, signs, vending machines, display racks: Dilute with 20 parts water.

Cleaning windows, mirrors, shower glass, and bathtub enclosures, showcases: Dilute with 60 parts water.

HANDLING PRECAUTIONS:

CAUTION: WARNING

KEEP OUT OF REACH OF CHILDREN.

Alkaline liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PACKAGING:

4/1 gal plastic bottles - 34 lbs net / 37 lbs gross
5 gal plastic pail - 43 lbs net / 46 lbs gross

SAFETY DATA SHEET

Issuing Date 07-Aug-2013

Revision Date 07-Aug-2013

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name Kleen All

Other means of identification

Product Code(s) KLAL

Synonyms KLAL

Recommended use of the chemical and restrictions on use

Recommended Use Institutional detergent

Uses advised against No information available

Supplier's details

Supplier Address

Uni-Kem Chemicals, Inc.
802 Wm. Leigh Drive
Tullytown, PA
19007
TEL: 800-752-1120

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word None

The product contains no substances which at their given concentration are considered to be hazardous to health

Appearance Red

Physical State Liquid.

Odor No information available

Precautionary Statements

Prevention

- None

General Advice

- None

Storage

- None

Disposal

- None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Synonyms**

KLAL

Chemical Name	CAS-No	Weight %	Trade secret
Tetrapotassium pyrophosphate	7320-34-5	5-15	*
Sodium Hydroxide	1310-73-2	0.1-1.0	*

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES**Description of necessary first-aid measures****Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

Skin Contact

Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion

Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, seek medical attention.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

No information available

Explosion Data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal Precautions**

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Stop leak if you can do it without risk. If spilled, take caution, as material can cause surfaces to become very slippery.

Environmental Precautions**Environmental Precautions**

Dispose of contents/container to an approved waste disposal plant.

Methods and materials for containment and cleaning up**Methods for Containment**

Stop leak if you can do it without risk

Methods for Cleaning Up

Contain spill, dilute with water and neutralize as required. Wash away small spills with plenty of water. Large spillage: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling**Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Do not take internally. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature. Keep from freezing. Keep container closed when not in use.

Incompatible Products

Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

Appropriate engineering controls**Engineering Measures**

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields.
Skin and Body Protection	Rubber gloves. Neoprene gloves.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid	Appearance	Blue
Odor	No information available	Odor Threshold	No information available
Property	Values	Remarks/ - Method	
pH	10.5	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	> 100 °C / > 212 °F	None known	
Flash Point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
upper flammability limit	No data available		
lower flammability limit	No data available		
Vapor Pressure	No data available	None known	
Vapor Density	No data available	None known	
Relative Density	No data available	None known	
Specific Gravity	1.09	None known	
Water Solubility	100%	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	900 cps	None known	
Flammable Properties	Not flammable		
Explosive Properties	No data available		
Oxidizing Properties	No data available		

Other information

VOC Content (%) No data available

10. STABILITY AND REACTIVITY**Reactivity**

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible products.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	No known hazard by inhalation.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Prolonged skin contact may defat the skin and produce dermatitis.
Ingestion	May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90 mL/kg (Rat)	-	-
Ethylene oxide-Nonylphenol polymer	= 1310 mg/kg (Rat)	= 2 mL/kg (Rabbit)	-
Sodium hydroxide	= 214 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization No information available.
Mutagenic Effects No information available.
Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral 5928 mg/kg; Acute toxicity estimate
LD50 Dermal 8394 mg/kg; Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Tetrapotassium pyrophosphate 7320-34-5		LC50 96 h: > 100 mg/L (Oncorhynchus mykiss)		EC50 48 h: > 100 mg/L (water flea)
Sodium hydroxide 1310-73-2		LC50 96 h: = 80 mg/L static (Gambusia affinis)		

Persistence and Degradability No information available.

Bioaccumulation No information available.

Chemical Name	Log Pow
Sodium hydroxide	0.83

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging Do not re-use empty containers.

Chemical Name	California Hazardous Waste
Sodium hydroxide	Toxic Corrosive

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION**International Inventories****Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pentasodium triphosphate				X
Sodium hydroxide	1000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Pentasodium triphosphate	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Sodium hydroxide	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Pentasodium triphosphate		X	X		
Sodium hydroxide	X	X	X		X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazard 1	Flammability 0	Instability 1	Physical and Chemical Hazards -
<u>HMIS</u>	Health Hazard 1	Flammability 0	Physical Hazard 1	Personal Protection X

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General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet

