



=====
Section 1 - PRODUCT AND COMPANY IDENTIFICATION
=====

PRODUCT NUMBER: KCPAGC1

Date: 3/12/2010
HMIS CODES
Health 2
Flammability 2
Reactivity 0
PPE

PRODUCT NAME: KCPAGC1 - Waterborne Gun Cleaner Concentrate

MANUFACTURER'S NAME EMERGENCY TELEPHONE NO.

Company
KLINE'S AUTO, INC.
630 N. 13th STREET
ALLENTOWN, PA 18102
1-610-434-7470

Emergency Telephone Number: 1-800-424-9300 CHEMTREC

=====
Section 2 -- COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS
=====

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
50 - 100%	111-76-2	2-Butoxyethanol	ACGIH TLV TWA: 20 ppm: 97 mg/m3 OSHA PEL TWA: 50 ppm: 24 mg/m3; skin	0.6
5 - 20%	102-71-6	Triethanolamine	ACGIH TLV 5 mg/m3 ACGIH TLV 0 OSHA PEL 0 OSHA STEL 0	<0.01
5 - 20%	71-23-8	Propanol Normal	ACGIH TLV N/E ACGIH TLV N/E OSHA PEL N/E OSHA STEL N/E	2.8
1 - 5%	104-76-7	Ethyl-1-Hexanol,2	ACGIH TLV ACGIH TLV OSHA PEL OSHA STEL	.36
1 - 5%	127087-67-0	Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	ACGIH TLV N/E ACGIH TLV N/E OSHA PEL N/E OSHA STEL N/E	<0.01

=====
Section 3 -- HAZARDS IDENTIFICATION
=====

ROUTES OF EXPOSURE:

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE:

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None generally recognized.



CANCER INFORMATION:

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

=====
Section 4 -- FIRST AID MEASURES
=====

If INHALED:

If affected, remove from exposure. Restore breathing. Keep warm and quite.

If on SKIN:

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES:

Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED:

Do not induce vomiting. Get medical attention immediately.

=====
Section 5 -- FIRE FIGHTING MEASURES
=====

FLASH POINT	LEL	UEL
N/D F	1.1	13.7

EXTINGUISHING MEDIA:

Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires. Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

=====
Section 6 -- ACCIDENTAL RELEASE MEASURES
=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbent should be placed in this container.

=====
Section 7 -- HANDLING RELEASE MEASURES
=====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

=====
Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION
=====

PRECAUTIONS TO BE TAKEN IN USE:

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust" in section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in section 2, the applicable limits for nuisance dust



are ACGIII TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction). Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead.

VENTILATION:

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES:

None required for normal application of these products where minimal skin contact is expected. For long repeated contact, wear chemical resistant gloves.

EYE PROTECTION:

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS:

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Table with 3 columns: Property, Value 1, Value 2. Rows include PRODUCT WEIGHT, SPECIFIC GRAVITY, BOILING POINT, VOLATILES, EVAPORATION RATE, VAPOR DENSITY, REGULATORY VOC, and ACTUAL VOC.

Section 10 -- STABILITY AND REACTIVITY

STABILITY:

This product is normally stable and will not undergo hazardous reactions.

CONDITIONS TO AVOID:

None Known.

INCOMPATIBILITY:

Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, oxides of sulfur, oxides of barium, lower molecular weight polymer fractions.

HAZARDOUS POLYMERIZATION:

None Known.

Section 11 -- TOXICOLOGICAL INFORMATION

Table with 6 columns: CAS No., Ingredient Name, LC50, RAT, 4HR, LD50. Rows list 2-Butoxyethanol, Triethanolamine, and Propanol Normal with their respective toxicity data.



104-76-7	Ethyl-1-Hexanol,2	LC50	RAT	4HR	N/E
		LD50	RAT		2049 mg/kg
127087-67-0	Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	LC50	RAT	4HR	>20 mg/L
		LD50	RAT		4600 mg/kg

=====
Section 12 -- ECOLOGICAL INFORMATION
=====

ECOTOXICOLOGICAL INFORMATION:
ECOTOXICITY: No Information Available

ENVIRONMENTAL FATE:
MOBILITY: No Information Available
BIODEGRADATION: No Information Available
BIOACCUMULATION: No Information Available

PHYSICAL/CHEMICAL:
HYDROLYSIS: No Information Available
PHOTOLYSIS: No Information Available

=====
Section 13 -- DISPOSAL CONSIDERATIONS
=====

WASTE DISPOSAL METHOD:
Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

=====
Section 14 -- TRANSPORT INFORMATION
=====

Proper Shipping Name: Consumer Commodity

NOS Technical Name: ORM-D
Hazard Class: N/A
UN Number: N/A
Packing Group: N/A

=====
Section 15 -- REGULATORY INFORMATION
=====

SARA 313:
CAS No. _____ CHEMICAL/COMPOUND _____ % by WT.
127087-67-0 Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched 3.8

TSCA CERTIFICATION:
U.S. TSCA: This product and/or all of its components are listed on the U.S. TSCA Inventory or is otherwise exempt from TSCA Inventory reporting requirements.

=====
Section 16 -- OTHER INFORMATION
=====

DISCLAIMER:
Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact. While we believe that the data contained herein is accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which we assume legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, provincial, and local laws and regulations.



=====
Environmental Data Sheet
=====

All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

PRODUCT NUMBER
KCPAGC1

PRODUCT NAME
Waterborne Gun Cleaner Concentrate
PRODUCT WEIGHT SPECIFIC GRAVITY FLASH POINT
7.849 lb/gal 0.940 0 - 354 F

VOLATILE INGREDIENTS NAME	CAS No.	CERC.	SARA 313 TC	HAPS 112	PCT by Wt	PCT by Vol

Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)- omega-hydroxy-, branched	127087-67-0		X		3.8	3.3

=====
VOLATILE ORGANIC COMPOUNDS

A. Coating Density	7.85 lb/gal	941 g/l
B. Total Volatiles	86.0 % by wt	91.4 % by vol
Exempt Volatiles	00.0 % by wt	00.0 % by vol
Water	00.0 % by wt	00.0 % by vol
C. Organic Volatiles	86.0 % by wt	91.4 % by vol
D. Percent Non-Volatile	14.0 % by wt	8.6 % by vol
E. Regulatory VOC	6.75 lb/gal	808 g/l
Actual VOC	6.75 lb/gal	808 g/l
Solids	1.10 lb/gal	132 g/l

WASTE DISPOSAL

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. The addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.