APC+ 80-1552
HEAVY DUTY UTILITY CLEANER

HMIS RATING	
Health	2
Flammability	2
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	2
Reactivity	0
NFPA 30B LEVEL	
1	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-1552
PRODUCT NAME ..... APC+ Heavy Duty Utility Cleaner
CHEMICAL FAMILY ..... N/A
DOT SHIPPING ..... Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	REL	%
*2 Butoxyethanol (111-76-2)	25ppm	25ppm		1-10
Tetrasodium salt of Ethylenediaminetetraacetic Acid (64-02-8)	NE	NE		1-10
N-alkyl-N, N-dimethyl-N-benzylammonium chloride (68391-01-5)	NE	NE		0.1-1.0
N-alkyl-N,N-dimethyl-N-ethylbenzlyammonium (68956-79-6)	NE	NE		0.1-1.0
Liquefied Petroleum Gas Mixture (68476-86-8)				
Propane (74-98-69)	1000ppm	1000ppm		(48-55)
n-Butane (106-97-8)	1000ppm	1000ppm		(45-49)

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE) ..... N/A
VAPOR PRESSURE PSIG @ 70°F 50-55
VAPOR DENSITY (AIR = 1) ..... ND
SOLUBILITY IN WATER ..... Miscible
SPECIFIC GRAVITY (H2O = 1) ..... .9790±0.005
MELTING/FREEZING POINT ..... N/A
EVAPORATION RATE ..... ND
VOC content (by weight) ..... N/A
APPEARANCE AND ODOR ..... Clear to hazy yellowish aerosol/fragrant odor

4. FIRE AND EXPLOSION DATA

FLASH POINT ..... >220°F
UPPER EXPLOSIVE LIMIT (%) 9.5
LOWER EXPLOSIVE LIMIT (%) 1.9
EXTINGUISHING MEDIA ..... CO_2, Foam, Dry Chemical
SPECIAL FIREFIGHTING PROCEDURES ..... Water may be used to cool containers to prevent pressure build up and explosion when exposed to extreme heat. Wear goggles and self-contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS ..... Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH- approved positive pressure self-contained breathing apparatus and full protection clothing. At elevated temperature (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container source.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY ..... Eye, skin contact, inhalation
(ACUTE AND CHRONIC) ..... May affect the liver, kidneys, nervous system, lungs and/or respiratory system, heart or circulatory system, blood or blood forming organs, mucous membranes.
INHALATION ..... High concentration of prolonged exposure can be irritating to eye, nose, and respiratory tract High concentration may cause dizziness, drowsiness, headaches, incoordination, anesthetic or narcotic effects and other types of Central Nervous System Depression.
SKIN ..... Prolonged or repeated contact may cause irritation.
EYES ..... May cause moderate irritation.
INGESTION ..... Exposure by ingestion is unlikely since an aerosol since an aerosol, but if occurs, Irritation to the mouth throat and stomach. May cause nausea, vomiting, pain and stomach upset.

5. HEALTH EFFECTS DATA CON'T

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE May aggravate preexisting eye, skin, respiratory, kidney, blood conditions.

FIRST AID PROCEDURES

EYE CONTACT ..... Flush with warm water for several minutes. Obtain medical attention.
SKIN CONTACT ..... Wash affected area with soap and water. Obtain medical attention if irritation persists.
INGESTION ..... Do not induce vomiting. Contact physical or poison control center. Rinse mouth out with water and give another cupful to drink. Never give anything by mouth to an unconscious person.
INHALATION ..... Remove to fresh air. Apply artificial respiration if breathing has stopped. If symptoms develop or persist, seek medical attention.

SPECIAL HEALTH EFFECTS-

CARCINOGEN (OSHA Guidelines) None Listed

6. REACTIVITY

STABILITY ..... Stable
INCOMPATIBILITIES ..... Strong oxidizers, heat and open flame.
HAZARDOUS DECOMPOSITION PRODUCTS ..... Carbon monoxide, carbon dioxide and additional toxic chemicals may be formed in small amounts.
HAZARDOUS POLYMERIZATION ..... Will not occur under normal conditions.
HAZARDOUS POLYMERIZATION CONDITIONS ..... None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS ..... Tightly sealed goggles and protective rubber, polyethylene or neoprene gloves. Local exhaust ventilation may be necessary to control air contaminants to within TLVs during the use of this product.
WASH REQUIREMENTS ..... Wash with soap and water.
SPILL OR LEAK PROCEDURES Avoid breathing vapors. Ventilate areas. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.
WASTE DISPOSAL METHODS Dispose of in accordance with local, state, and federal regulations.
HANDLING & STORAGE ..... Do not allow can to exceed 120°F. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.
OTHER PRECAUTIONS ..... Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustible with respect to construction, drainage, control of ignition sources and ventilation except that they should not be stored in basements.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

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