

SUPPLIER ELCO LABORATORIES, INC.		HAZARD RATING	
ADDRESS 2545 Palmer Avenue, University Park, Illinois 60488		EXTENSIVE HIGH MODERATE SLIGHT NONHAZARDOUS	FIRE TOXICITY REACTIVITY SPECIAL
TELEPHONE	Medical Emergencies: 24 Hour Transportation Emergency Response: Transportation Information and Product Information:	Poisindex Information System or 1 (800) 752-7869, Ext. #3 1 (800) 255-3984 1 (708) 534-3000	0 1 0 0

MATERIAL SAFETY DATA SHEET

TRADE NAME OR NUMBER	HOOVER STEAMVAC CARPET & UPHOLSTERY DETERGENT		FORMULA I.D. NUMBER	#108-078
PRODUCT TYPE	Carpet Cleaner	CHEMICAL FORMULA	Solution	CHEMICAL NAME OR SYNONYM
				N/A

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

SECTION I - COMPOSITION

COMPONENT	CAS REG. NO.	APPROX. % WT.	OSHA TLV	ACGIH TLV
Alcohols, C12-14, ethoxylated propoxylated	68439-81-0	1% - 2%	N/E	N/E

SECTION II - PHYSICAL PROPERTIES

APPEARANCE - ODOR	Hazy straw yellow liquid, citrus odor		pH	11.0 - 11.6	Viscosity (cP)	10-16	
FREEZING POINT (°F)	30-32	BOILING POINT (°F)	212	VAPOR PRESSURE (mm Hg)	as with water	VAPOR DENSITY (AIR = 1)	>
SOLUBILITY IN WATER	Soluble in all ratios	VOLATILE (% WT.)	95.0 - 96.0	SPECIFIC GRAVITY (20/20)	1.0284 - 1.0334	EVAP. RATE (Burl Acetate = 1)	<

SECTION III - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F)	Not Flammable	AUTO IGNITION (°F)	N/A	LOWER EXPLOSION LIMIT (%)	N/A	UPPER EXPLOSION LIMIT (%)	N/A
EXTINGUISHING MEDIUM	<input type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input type="checkbox"/> DRY CHEM. <input checked="" type="checkbox"/> WATER <input type="checkbox"/> OTHER						
SPECIAL FIRE FIGHTING PROCEDURES	This product is not flammable nor does it support combustion of flammable materials.						
UNUSUAL FIRE AND EXPLOSION HAZARDS	None has been established.						

SECTION IV - HEALTH HAZARD

THRESHOLD LIMIT VALUES	<input type="checkbox"/> ACGIH	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> NONE ESTABLISHED	
PRIMARY ROUTES OF EXPOSURE	<input checked="" type="checkbox"/> EYE	<input checked="" type="checkbox"/> SKIN	<input type="checkbox"/> ORAL	<input type="checkbox"/> INHALATION
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS	<input type="checkbox"/> NIP	<input type="checkbox"/> IARC	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> NONE
EFFECTS OF OVEREXPOSURE	If in contact with eyes, it will cause discomfort. It may cause skin irritation if it is in prolonged contact with skin. It can cause gastrointestinal irritation and nausea, if taken internally.			

SECTION IV - HEALTH HAZARD CONTINUED

EMERGENCY AND FIRST AID PROCEDURE	
IF IN EYES:	Immediately flush with water for 15 minutes, lifting the upper and lower lids to facilitate cleaning. Consult a physician if irritation continues.
IF ON SKIN:	Wash with soap and water. Remove and wash contaminated clothing to reduce prolonged contact with skin.
IF SWALLOWED:	Drink 1-2 glasses of water or milk. Consult a physician.

SECTION V - REACTIVITY

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID None known
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide and other non-identified carbon by-products may be formed upon pyrolysis.	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID N/A
INCOMPATIBILITY <input type="checkbox"/> WATER <input checked="" type="checkbox"/> OTHER	MATERIALS TO AVOID None are known

SECTION VI - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED For SMALL SPILLS: Flush the area with water and dispose of it in the sanitary drain system. For LARGE SPILLS: Absorb the material in earth, saw dust, sweeping compounds, etc. Collect in non-leaking containers and wash the area. Dispose of it in accordance with local, state, and federal regulations.
WASTE DISPOSAL METHODS If intended to be discarded as is, deposit it in landfill observing applicable local, state, and federal regulations.

SECTION VII - SPECIAL PROTECTION

VENTILATION TYPE Mechanical ventilation will be sufficient where the vapors of this product are noticeable.	
RESPIRATORY PROTECTION Optional	
PROTECTIVE GLOVES Rubber (Optional)	EYE PROTECTION You may use splash goggles if eye contact may reasonably be expected to occur
OTHER PROTECTIVE EQUIPMENT None needed for normal use.	

SECTION VIII - STORAGE AND HANDLING

Use this product with adequate ventilation. Do not transfer this product to unmarked containers.
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SECTION IX - SHIPPING

PROPER SHIPPING NAME:	Liquid Cleaner
U.S. DOT HAZARD CLASS:	Not Regulated
U.S. DOT LD. No.:	N/A
LABEL REQUIREMENTS:	None

SECTION X - MISCELLANEOUS

If product is swallowed and spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.		
ABBREVIATIONS:	N/A : NOT APPLICABLE N/D : NOT DETERMINED N/E : NOT ESTABLISHED	UNK : UNKNOWN < : LESS THAN > : GREATER THAN
PREPARED BY George C. Kyros	DATE October 30, 2000	SUPERSEDED April 18, 2000