

SUPPLIER ELCO LABORATORIES, INC.		HAZARD RATING	
ADDRESS 2545 Palmer Avenue, University Park, Illinois 60466		4 - EXTREME 3 - HIGH 2 - MODERATE 1 - SLIGHT 0 - INSIGNIFICANT	FIRE 0 TOXICITY 1 REACTIVITY 0 SPECIAL 0
TELEPHONE	Medical Emergencies: 24 Hour Transportation Emergency Response: Transportation Information: Product Information:	1 (800) 752-7869 1 (800) 732-9876 1 (817) 560-4631 1 (708) 534-3000	

MATERIAL SAFETY DATA SHEET

TRADE NAME (On Label)	HOOVER PRE-TREATMENT		FORMULA I.D. NUMBER	#107-111
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
All materials are considered non-hazardous in accordance to 29CFR.				

SECTION II - PHYSICAL PROPERTIES

APPEARANCE (Color)	Clear liquid, soapy odor	pH	9.0-9.5	VISCOSITY (cP)	5-10
FREEZING POINT (°F)	32	BOILING POINT (°F)	212	VAPOR PRESSURE (mm Hg)	N/A
SOLUBILITY IN WATER	Soluble	VOLATILE (% WT.)	97	SPECIFIC GRAVITY (g/ml)	1.0099
				VAPOR DENSITY (AIR = 1)	>
				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 and it does not support combustion.							
UNUSUAL FIRE AND EXPLOSION HAZARDS None have 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 type="checkbox"/> SKIN	<input type="checkbox"/> ORAL
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS	<input type="checkbox"/> NIP	<input type="checkbox"/> IARC	<input type="checkbox"/> OSHA
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

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 Not needed	
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

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	U/NK : UNKNOWN < : LESS THAN > : GREATER THAN
PREPARED BY George C. Kyros	DATE August 3, 1993	SUPersedes May 27, 1993