

#117

MATERIAL SAFETY DATA SHEET

Leviton

SECTION I

MANUFACTURER'S NAME HILLYARD CHEMICAL COMPANY		EMERGENCY TELEPHONE NO. A.C. 816-233-1321
ADDRESS (Number, Street, City State and ZIP Code) 302 North 4th Street, St. Joseph, MO 64502		
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS DEEP ACTION
CHEMICAL FAMILY carpet cleaner	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Petroleum distillates (high flash)				8-11	500 ppm
Formaldehyde				.05-.1	3 ppm
Ethanol				.5-1.5	1000 ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	200°F.	SPECIFIC GRAVITY (H ₂ O=1)	1.060
VAPOR PRESSURE (mm Hg.)	no data	PERCENT VOLATILE BY VOLUME (%)	89%
VAPOR DENSITY (AIR=1)	no data	EVAPORATION RATE (ether = 1)	< 1
SOLUBILITY IN WATER (1:3 dilution)	complete		
APPEARANCE AND ODOR	white liquid with pleasant citrus odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	115-130°F. (PMCC)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	Foam, CO ₂ , dry chemical water spray			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE	Toxic by ingestion; drying of skin; eye irritation; excessive inhalation may cause headache, nausea, dizziness; upper respiratory irritation.
EMERGENCY AND FIRST AID PROCEDURES	If swallowed, do not induce vomiting. Call physician immediately. Skin contact: wash with mild soap and water. Eye contact: flush with water for 15 minutes. If irritation persists, get medical attention. If inhaled, remove to fresh air.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield Carbon monoxide and Carbon dioxide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Flush with large quantities of water.
WASTE DISPOSAL METHOD	Drain or landfill, depending on state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
VENTILATION	LOCAL EXHAUST Use in well-ventilated area.	SPECIAL	
	MECHANICAL (General) N.A.	OTHER	
PROTECTIVE GLOVES	N.A.	EYE PROTECTION	none needed
OTHER PROTECTIVE EQUIPMENT	none necessary		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Avoid prolonged or repeated contact with skin and breathing of vapor or spray mist.
OTHER PRECAUTIONS	Protect from freezing. Performance of product is adversely affected.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or results to be obtained from the use thereof.

NAME James G. Ross
Director of Legislative and Regulatory Affairs.
DATE February 8, 1982