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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

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PRODUCT NUMBER: A-180

IDENTITY:

**VANISH**

Revision Date: 08/21/2001

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**Section I**

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Manufactured For: K & K CHEMICAL COMPANY Telephone Numbers:  
Address: 1303 INDUSTRIAL DRIVE (BOX 737) Emergency: (800)424-9300 (CHEMTREC)  
ROYSE CITY, TX 75189 Information: (800)958-6921

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HMIS CODES: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 1 PERSONAL PROTECT: 1

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**Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)**

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Name	CAS No.	OSHA PEL	ACGIH TLV	OTHER LIM %
2-BUTOXY ETHANOL *	111-76-2	25 PPM	25 PPM	N/A ___
ISOPROPYL ALCOHOL	67-63-0	400 PPM	400 PPM	N/A ___
L.P.G.	68476-85-7	1000 PPM	1000 PPM	N/A ___

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Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

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**Section III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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Boiling Point:	212	Specific Gravity (water=1)	1.00
Vapor Pressure(mm Hg)	17.5	Melting Point:	N/A
Vapor Density(AIR=1)	1	Evaporation Rate:	.1
Solubility in Water:	100% (Butyl Acetate=1)	Appearance and Odor:	CLEAR SPRAY, FRUITY BUTYL ODOR

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**Section IV: FIRE AND EXPLOSION HAZARD DATA**

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Flash Point(Method Used): NONE Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: CO2, Special Fire Fighting Procedures: NONE  
Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 MAY CAUSE BURSTING.

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**Section V: REACTIVITY DATA**

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Stability:	Unstable: _	Stable: <u>X</u>	Conditions to avoid: TEMPERATURES ABOVE 120 F
Incompatibility (Materials to Avoid):	NONE		Hazardous Decomposition or Byproducts: NONE
Hazardous Polymerization: May Occur: _	Will Not Occur: <u>X</u>		Conditions to Avoid: NONE

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**Section VI: HEALTH HAZARD DATA**

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Routes of Entry: Inhalation: NO Skin: YES Ingestion: NO  
Health Hazards(Acute and Chronic):  
INHALATION: NONE.  
INGESTION: NAUSEA.  
SKIN: IRRITATION, BURNING.  
EYES: SEVERE IRRITATION, BURNING, CAN CAUSE MILD CORNEAL DAMAGE.  
Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Reg: NO  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE  
Medical Conditions Generally Aggravated by Exposure: NONE  
Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.  
INGESTION: INDUCE VOMITING-SEE PHYSICIAN. SKIN: WASH WITH SOAP AND WATER - IF IRRITATION PERSISTS, SEE PHYSICIAN.  
EYES: WASH THOROUGHLY WITH WATER FOR 15 MINUTES-IF IRRITATION PERSISTS-SEE PHYSICIAN.

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**Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

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Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH RAG OR USE SOME ABSORBENT CLAY MATERIAL.  
Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.  
Precautions to be Taken in Handling and Storing: DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT REUSE CONTAINER. WRAP CONTAINER AND PLACE IN TRASH COLLECTION.  
Other Precautions: NONE

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**Section VIII: CONTROL MEASURES**

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Respiratory Protection:	USE WITH ADEQUATE VENTILATION.	Ventilation:	Local Exhaust: XX
Mechanical:	N/A	Special:	N/A
Other:	N/A	Protective Gloves:	N/A
Eye Protection:	N/A	Other Protective Clothing or Equipment:	N/A
Work/Hygienic Practices:	N/A		

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Date: 6/1/1998