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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-182

IDENTITY: **VANQUISTADOR TR DISINFECTANT**

Revision Date: 4/13/2010

Section I

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

HMIS CODES: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 1 PERSONAL PROTECT: 1

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

Name	CAS No.	OSHA PEL	ACGIH TLV	OTHER LIM %
ETHYL ALCOHOL	64-17-5	1000 PPM	1000 PPM	N/A
O-PHENYL PHENOL*	90-43-7	NONE	NONE	
PROPANE / N-BUTANE	68476-86-8	1000PPM	1000PPM	N/A

Comment: This product contains chemicals marked with a * known to the State of California to cause cancer.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	165	Specific Gravity (water=1)	0.88
Vapor Pressure(mm Hg)	44	Melting Point:	N/A
Vapor Density(AIR=1)	1	Evaporation Rate:	>1 (Butyl Acetate=1)
Solubility in Water:	100%	Appearance and Odor:	MILKY, MILD ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): 68 F (TOC) Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: STANDARD CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS
Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING.
CONTAINS FLAMMABLE PROPELLANT

Section V: REACTIVITY DATA

Stability: Unstable Stable: X Conditions to avoid: TEMPERATURES ABOVE 120 F
Hazardous Decomposition or Byproducts: NONE KNOWN Hazardous Polymerization: May Occur: Will Not Occur: X
Incompatibility (Materials to Avoid): STRONG OXIDIZERS

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards(Acute and Chronic):
INHALATION: MAY BE IRRITATING TO MOUTH, NOSE AND THROAT, LEADING TO SLEEP AND STUPOR.
SKIN: CONTACT CAUSES DRYING AND IRRITATION.
EYES: SEVERE IRRITATION
INGESTION: HARMFUL OR FATAL DEPENDING ON AMOUNT CONSUMED
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 KNOWN
Emergency and First Aid Procedures:
INHALATION: REMOVE TO FRESH AIR.
EYES: FLUSH WITH WATER FOR 15 MINUTES. SEE A PHYSICIAN IF IRRITATION PERSISTS.
INGESTION: INDUCE VOMITING. GIVE COPIOUS AMOUNTS OF WATER. CALL PHYSICIAN IMMEDIATELY.
SKIN: FLUSH WITH WATER AND REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA WITH SOAP AND WATER.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: MOP OR WIPE UP SPILL. DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.
Waste Disposal Method: WRAP CONTAINER AND PLACE IN TRASH COLLECTION. DO NOT PUNCTURE OR INCINERATE CONTAINER.
Precautions to be Taken in Handling and Storing: STORE IN A COOL DRY AREA. KEEP AWAY FROM HEAT, FLAMES OR SPARKS.
Other Precautions: N/A

Section VIII: CONTROL MEASURES

Respiratory Protection: N/A. Ventilation: Local Exhaust: ADEQUATE
Mechanical: N/A Special: N/A Other: N/A
Protective Gloves: ONLY IF REPEATED CONTACT WITH SKIN OCCURS Eye Protection: SAFETY GLASSES ARE RECOMMENDED
WHENEVER CHEMICALS ARE USED Other Protective Clothing or Equipment: N/A
Work/Hygienic Practices: WASH HANDS AFTER USE