

RCVD MAY 16<sup>th</sup> 2000  
 MATERIAL SAFETY DATA SHEET

193-055/461987

WATERLESS HAND CLEANER

SECTION I - IDENTIFICATION

MANUFACTURER'S NAME..... STARKEY CHEMICAL PROCESS COMPANY  
 9600 W OGDEN AVE  
 LAGRANGE, IL 60525  
 1-800-323-3040  
 EMERGENCY PHONE NUMBER... 1-800-323-3040  
 RESELLER'S NAME..... SAX ARTS & CRAFTS, NEW BERLIN, WI  
 EFFECTIVE DATE..... 7/90  
 REVISED DATE..... 5/92  
 PRODUCT IDENTIFIER..... HB1  
 TRADE NAME..... WATERLESS HAND CLEANER - TRU-CLEAN  
 CHEMICAL FAMILY..... n/a

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	HAZARDOUS* INGREDIENT PERCENT	TLV (Units)	HAZARDOUS INGREDIENT* CAS/NA/UN NUMBERS
ISOPAR G*	< 35	NOT ESTABLISHED	65742-48-9*
DRAKEOL 35	< 3	NOT ESTABLISHED	008042-47-5
TRIETHANOLAMINE 85 LO FREEZE	< 2	NOT ESTABLISHED	NONE AVAILABLE
PROPYLENE GLYCOL	< 3	NOT ESTABLISHED	NONE AVAILABLE
OLEIC ACID	< 4	NOT ESTABLISHED	112-80-1

SECTION III - PHYSICAL DATA

BOILING POINT..... 290°F  
 FREEZING POINT..... n/a  
 VOLATILITY/VOL(%)..... 80%  
 MELTING POINT..... n/a  
 VAPOUR PRESSURE..... n/a  
 VAPOUR DENSITY (air=1)... n/a  
 SOLUBILITY IN H2O..... missable  
 ODOUR AND APPEARANCE..... essentially odorless, white liquid  
 SPECIFIC GRAVITY..... .870  
 EVAPORATION RATE..... n/a  
 PH..... n/a

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION..... 104°F 7°C  
 LOWER EXPLOSION LIMIT(% BY VOL)..... n/a  
 UPPER EXPLOSION LIMIT(% BY VOL)..... n/a  
 MEANS OF EXTINCTION..... Use water spray.  
 FOR FIRE.....  
 EXPLOSION DATA..... none

SECTION V - HEALTH HAZARD DATA

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ROUTES OF ENTRY  
 SKIN CONTACT SKIN ABSORPTION EYE INHALATION INGESTION  
 no no yes no yes  
 ACUTE AND CHRONIC OVER none  
 EXPOSURE EFFECTS.....  
 CARCINOGENICITY, none  
 REPRODUCTIVE EFFECTS....  
 SYMPTOMS..... No significant signs or symptoms indicative of any adverse health hazards are expected to occur from inhalation or skin absorption. Eye contact may cause irritation. Ingestion may cause chemical pneumonia.  
 SENSITIZATION TO MATERIAL none known  
 SPECIFIC FIRST AID  
 PROCEDURES..... This material is not expected to present a skin irritation hazard. Eyes: flush with water for 15 minutes. Ingestion: DO NOT induce vomiting. Seek medical attention.

## SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY..... stable  
 CONDITIONS OF REACTIVITY, none  
 INCOMPATIBLE MATERIALS... none  
 HAZARDOUS DECOMPOSITION Avoid high temperatures - May generate carbon  
 PRODUCT(S)..... monoxide.  
 HAZARDOUS POLYMERIZATION, will not occur  
 POLYMERIZATION AVOID..... none

## SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Soak up with sweeping compound. Shovel into waste  
 disposal containers and clean with water.  
 WASTE DISPOSAL..... Remove to dry fill area. Flush with water.

## SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION... none  
 VENTILATION..... none  
 PROTECTIVE GLOVES..... none  
 EYE PROTECTION..... none  
 OTHER PROTECTIVE none  
 EQUIPMENT.....  
 HANDLING PROCEDURES AND Keep away from high temperatures to prevent product  
 EQUIPMENT..... deterioration. Do not take internally.

## SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS..... n/a  
 DOT SHIPPING NAME... CLEANING COMPOUND 1 HMIS HEALTH  
 UN NUMBER..... n/a 0 HMIS FLAMMABILITY  
 NA #..... n/a 0 HMIS REACTIVITY  
 n/a HMIS PERSONAL PROTECTION

OTHER.....

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