

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **140**
PRODUCT USE: WATERLESS HAND CLEANER

MANUFACTURED BY:
KUTOL PRODUCTS COMPANY
7650 CAMARGO ROAD
CINCINNATI, OH 45243

24 HR. EMERGENCY TELEPHONE NUMBER: 800-424-9300
TELEPHONE NUMBER FOR INFORMATION: 513-527-5500

DATE PREPARED: 07/16/01

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>	<u>% (OPTIONAL)</u>
ALIPHATIC HYDROCARBON	64742-96-7		400		

THIS COMPOUND OR ANY OF ITS INGREDIENTS ARE NOT LISTED BY OSHA, NTP OR IARC AS A CARCINOGEN OR POTENTIAL CARCINOGEN, NOR DO THEY HAVE ESTABLISHED OSHA PELS OR ACGIH TLVS, EXCEPT AS LISTED ABOVE.

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 210-212°F	SPECIFIC GRAVITY (H ₂ O = 1): .8834
VAPOR PRESSURE (mm Hg): N/A	MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): N/A	EVAPORATION RATE (BUTYL ACETATE = 1): <1
SOLUBILITY IN WATER: APPRECIABLE	APPEARANCE AND ODOR: THICK WHITE PASTE, LEMON FRAGRANCE

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 225 F TAG OPEN CUP	LEL: N/A	EXTINGUISHING MEDIA: FOAM, CO2 OR DRY CHEMICAL
FLAMMABLE LIMITS: N/A	UEL: N/A	SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS DUE TO COMPONENT RAW MATERIAL'S POSSIBLE RELEASES (SEE HAZARDOUS DECOMPOSITION).
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE		

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: STABLE UNSTABLE
CONDITIONS TO AVOID: NONE

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: IN A FIRE SITUATION THERE MAY BE FORMED: CO₂, CARBON MONOXIDE, VARIOUS HYDROCARBONS.

HAZARDOUS DEPOLYMERIZATION: MAY OCCUR WILL NOT OCCUR
CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

SECTION 6 – HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: YES NO SKIN: YES NO INGESTION: YES NO EYES: YES NO
HEALTH HAZARDS (ACUTE AND CHRONIC): NONE
CARCINOGENICITY: YES NO NTP: YES NO IARC MONOGRAPHS: YES NO OSHA REGULATED: YES NO

SIGNS AND SYMPTOMS OF EXPOSURE: IN RARE INSTANCES OF LOCAL SENSITIVITY, DISCONTINUE USE OF PRODUCT.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT.

EMERGENCY AND FIRST AID PROCEDURES:
INGESTION: DO NOT INDUCE VOMITING - CONTAINS HYDROCARBONS. CONSULT PHYSICIAN.
EYES: FLUSH WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SHOVEL INTO LEAKPROOF CONTAINER
WASTE DISPOSAL METHOD: LANDFILL WITHIN ALL LOCAL, STATE AND FEDERAL LAWS
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NORMAL SAFE HANDLING PROCEDURES
OTHER PRECAUTIONS: NONE

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE	VENTILATION:	LOCAL EXHAUST: NONE	MECHANICAL: NONE
PROTECTIVE GLOVES: NONE	EYE PROTECTION: YES	SPECIAL: NONE	OTHER: NONE
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE			
WORK/HYGENIC PRACTICES: NORMAL CLEANLINESS			