

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **HEALTH GUARD E-2 RATED HAND CLEANER**

PRODUCT USE: ONE STEP HAND CLEANER AND SANITIZER

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: 6/20/05

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>
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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.

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 208-210°F
VAPOR PRESSURE (mm Hg): N/A
VAPOR DENSITY (AIR = 1): N/A
SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H₂O = 1): 1.004
MELTING POINT: N/A
EVAPORATION RATE (BUTYL ACETATE = 1): <1
APPEARANCE AND ODOR: AMBER LIQUID,
UNSCENTED

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

LEL: N/A

EXTINGUISHING MEDIA: ANY - WILL NOT SUPPORT COMBUSTION

FLAMMABLE LIMITS: N/A

UEL: N/A

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: ☒ STABLE ☐ UNSTABLE
CONDITIONS TO AVOID: NONE

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: NONE

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: EYE STING, IRRITATION

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. CONSULT PHYSICIAN.

EYES: FLUSH EYES 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
SPECIAL: NONE

MECHANICAL: NONE
OTHER: NONE

PROTECTIVE GLOVES: NONE EYE PROTECTION: YES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK/HYGENIC PRACTICES: NORMAL CLEANLINESS