

SAFETY DATA SHEET
HSC E-2 SKIN CLEANSER SANITIZER

FILE NO.: 017
MSDS DATE: 1/31/13

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HSC E-2 SKIN CLEANSER SANITIZER
PRODUCT CODES: 1707, 1709, 1765, 1767, 1782
MANUFACTURER: KUTOL PRODUCTS COMPANY, INC.
ADDRESS: 100 PARTNERSHIP WAY, SHARONVILLE, OH 45241
EMERGENCY PHONE: 513-527-5500 OTHER CALLS:
CHEMTREC PHONE: 800-424-9300 FAX PHONE: 513-527-5506
PRODUCT USE: E-2 HAND CLEANER AND SANITIZER

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT
ROUTES OF ENTRY: EYES, INGESTION

POTENTIAL HEALTH EFFECTS
EYES: EYE STING OR IRRITATION
SKIN: NONE EXPECTED
INGESTION: NAUSEA
INHALATION: NONE EXPECTED

ACUTE HEALTH HAZARDS: NONE EXPECTED
CHRONIC HEALTH HAZARDS: NONE EXPECTED
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE EXPECTED

CARCINOGENICITY
OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u> <u>ppm</u>	<u>% VOL</u> <u>mg/m3</u>	<u>SARA 313 REPORTABLE</u>
OSHA PEL-TWA: OSHA PEL STEL : OSHA PEL CEILING:			
ACGIH TLV-TWA: ACGIH TLV STEL: ACGIH TLV CEILING:			

SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN, DO NOT RUB EYES.
SKIN: FLUSH WITH WATER
INGESTION: DO NOT INDUCE VOMITING , CONSULT PHYSICIAN
INHALATION: NOT EXPECTED

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: F: >200 / C:
METHOD USED:

AUTOIGNITION TEMPERATURE: N/A F: / C:

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

HMS HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTION:

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EXTINGUISHING MEDIA: ANY- WILL NOT SUPPORT COMBUSTION
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: SPECIAL HANDLING NOT EXPECTED UNDER NORMAL CONDITIONS

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NONE
VENTILATION: NORMAL
RESPIRATORY PROTECTION: NONE
EYE PROTECTION: SAFETY GLASSES
SKIN PROTECTION: NORMAL CLEANLINESS
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK HYGIENIC PRACTICES: NORMAL CLEANLINESS
EXPOSURE GUIDELINES: NORMAL INTENDED USE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: PALE YELLOW LIQUID
ODOR: BLAND, FRAGRANCE FREE
PHYSICAL STATE: LIQUID

pH AS SUPPLIED: 7.2 TYPICAL pH (Other):
BOILING POINT: F: >200 / C: >93
MELTING POINT: F: N/A / C: N/A
FREEZING POINT: F: NOT DETERMINED / C: NOT DETERMINED
VAPOR PRESSURE (mmHg): @ F: N/A / C: N/A
VAPOR DENSITY (AIR = 1): <1 @ F: N/A / C: N/A
SPECIFIC GRAVITY (H₂O = 1): 1.00 @ F: 77 / C: 25
EVAPORATION RATE: < 1

BASIS (=1):
SOLUBILITY IN WATER: COMPLETE
PERCENT SOLIDS BY WEIGHT: 9 %
PERCENT VOLATILE: 91 %
BY WT/ BY VOL @
F: 105
C:

VOLATILE ORGANIC COMPOUNDS (VOC): < 1 %

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:
VISCOSITY: 2000 CPS @ F: 77 / C: 25

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): NONE EXPECTED

INCOMPATIBILITY (MATERIAL TO AVOID): NONE EXPECTED

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE EXPECTED

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID (POLYMERIZATION): WILL NOT OCCUR

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NOT DETERMINED

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: LANDFILL WITHIN ALL LOCAL STATE AND FEDERAL LAWS

RCRA HAZARD CLASS:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: CLEANING, SCOURING, WASHING COMPOUNDS

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT DETERMINED

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NOT DETERMINED

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NONE

311/312 HAZARD CATEGORIES: NONE

313 REPORTABLE INGREDIENTS: NONE

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: PREPARED BY DAVID WOOD ON JAN. 31, 2013

DISCLAIMER: ALL INFORMATION IS BELIEVED TO BE ACCURATE BUT DOES NOT IMPLY A WARRANTY OR GUARANTEE