

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **ANTIBACTERIAL SKIN CLEANER**
PRODUCT USE: **ANTIBACTERIAL HAND CLEANER**

MANUFACTURED BY:
KUTOL PRODUCTS COMPANY
7850 CAMARGO ROAD
CINCINNATI, OH, 45243

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

DATE PREPARED: 08/15/02

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
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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: 210-212 F	SPECIFIC GRAVITY (H ₂ O = 1): 1.030
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: COMPLETE	APPEARANCE AND ODOR: CLEAR GOLDEN AMBER, SPICY FLORAL FRAGRANCE

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 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE

CONDITIONS TO AVOID: NONE

HAZARDOUS DEPOLYMERIZATION: MAY OCCUR WILL NOT OCCUR INCOMPATIBILITY (MATERIALS TO AVOID): NONE

CONDITIONS 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: VOMITING MAY BE INDUCED. 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: SHOVE INTO FIREPROOF 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/HYGIENIC PRACTICES: NORMAL CLEANLINESS

5. FIRE FIGHTING MEASURES:

NFPA: Health 0 Fire 3 Reactivity 0
 Flashpoint °F/°C (PMCC method): 74°F/23°C
 Unusual Fire and Explosion Hazards: Product is flammable due to alcohol content.
 Special Fire Fighting Procedures: None known.
 Extinguishing Media: X Water Fog X Alcohol Foam X CO₂ X Dry Chemical Other

6. ACCIDENTAL RELEASE MEASURES:

Avoid contact with ignition sources since product is flammable. Absorb onto inert material and dispose in appropriate manner. Water clean up and rinse. CAUTION – WILL CAUSE SLIPPERY SURFACES.

7. HANDLING AND STORAGE:

Keep away from fire or flame. Store at normal room temperature away from reach of small children. Keep containers sealed. Use older containers first. Avoid freezing conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Eye Protection: None required under normal conditions.
 Skin Protection: None required under normal conditions.
 Respiratory Protection: None required under normal conditions.
 Ventilation: None required under normal conditions.
 Protective Equipment or Clothing: None required under normal conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and Odor: Clear liquid, citrus fragrance
 pH (undiluted): 7.0 – 8.25
 VOC, %: 65

10. STABILITY AND REACTIVITY:

Stable/Non reactive product. Avoid ignition sources.

11. TOXICOLOGICAL INFORMATION:

No acute or chronic toxic effects expected when used according to directions.

12. ECOLOGICAL CONSIDERATIONS:

No ecological or special considerations when used according to directions. Not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

13. DISPOSAL CONSIDERATIONS:

Characteristic hazardous waste-flammable liquid. Dispose according to local, state and Federal regulations.

14. TRANSPORT INFORMATION:

Hazardous by transport regulations. When transported by Ground and Rail, this product typically is shipped as Consumer Commodity ORM-D. When transported by air, this product is typically shipped as Consumer Commodity or Alcohols N.O.S. depending on package size. When transported by ocean, this product is typically shipped as Limited Quantities. Refer to current regulations for exact requirements.

15. REGULATORY AND OTHER INFORMATION:

Complies with current FDA regulations for cosmetic and/or over-the-counter drug products.
 Notice: The information herein is based on data considered to be accurate as of the date of preparation of this material safety data sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.