

**SAFETY DATA SHEET**

HSC E-2 BACTERIA CONTROLLING HAND SANITIZER CLEANER

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

Product Name : HSC E-2 BACTERIA CONTROLLING HAND SANITIZER CLEANER

Product Codes : 1707, 1709, 1765, 1767

Recommended use : One step E2 hand wash and sanitizer – must rinse with potable water

Restrictions on use : Reserved for industrial and professional use

Product dilution information : Product is sold ready to use.

Company : Kutol Products Company  
100 Partnership Way  
Sharonville, Ohio 45241-1571  
1-800-543-4641

Chemtrec Phone : 1-800-424-9300

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**SECTION 2 – HAZARD(S) IDENTIFICATION**

**GHS Classification** : Category 2B  
Eye irritation

**GHS Label Element** :   
Hazards pictograms

Signal Word : Warning

Hazard Statements : **Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Hazards : None known.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

<u>Chemical Name</u>	<u>Concentration (%)</u>	<u>CAS No.</u>
COCAMIDOPROPYL BETAINE	5 – 10	61789-40-0
BTC 2125M (50%ACTIVE)	5 – 10	MIXTURE
COCAMIDOPROPYLAMINE OXIDE	0 – 5	68155-09-9
PEG-6 COCAMIDE	0 – 5	61791-08-0
NATROSOL 250 HR	0 - 5	9004-62-0

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#### SECTION 4 – FIRST AID MEASURES

- In case of eye contact : Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.
- In case of skin contact : If irritation persists, wash with water.
- If ingested : Contact a physician or Poison Control Center immediately. Do not induce vomiting never give anything by mouth to an unconscious person.
- If inhaled : Get medical attention if symptoms occur.
- Protection of first-aiders : No special precautions are necessary.
- Notes to physicians : Treat symptomatically.

#### SECTION 5 – FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known.
- Specific hazards during firefighting : No flammable or combustible.
- Hazardous combustions products : Carbon oxides
- Special protective equipment for fire-fighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions : No special measures required.
- Environmental precautions : Avoid contact of large amounts of spilled material runoff with soil and surface waterways.
- Methods of cleaning up : Absorb with inert material. Use a water rinse for final clean-up.

#### SECTION 7 – HANDLING AND STORAGE

- Handling : Wash hands after handling.
- Storage : Keep out of reach of children. Keep container tightly closed.  
Store between 32 to 122 degrees F.

#### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters.

<u>Ingredients</u>	<u>CAS-No.</u>	<u>Form of exposure</u>	<u>Permissible Concentration</u>	<u>Basis</u>
SILICA COLLOIDAL	7631-86-9	TWA	6 mg/m3	NIOSH REL

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SILICA COLLOIDAL      7631-86-9      TWA      0.8 mg/m3      OSHAL PEL

Engineering measures : Good general ventilation should be sufficient to control workers exposure to airborne contamination.

Personal protection

Eyes : Eye protection should be used when splashing may occur.  
 Hands : No protective equipment is needed under normal use.  
 Skin : No protective equipment is needed under normal use.  
 Respiratory : No protective equipment is needed under normal use.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow liquid	Upper/lower flammability limits: N/A
Odor: Bland, fragrance free	Vapor pressure: N/A
Odor Threshold: No data available	Vapor density: N/A
ph: 7.2 typical	Relative density: No data available.
Melting point/freezing point: N/A	Solubility (ies): No data available.
Initial boiling and boiling range: N/A	Partition coefficient: n-octanol/water: No data available.
Flash point: N/A	Auto ignition temperature: N/A
Evaporation rate: <1	Decomposition temperature: No data available.
Flammability (solid, gas): No data available	Viscosity: 2,000 CPS @ 77 F or 25 C

### SECTION 10 – STABILITY AND REACTIVITY

Stability : The product is stable under normal conditions.  
 Possibility of hazardous reactions : No dangerous reaction is known under conditions of normal use.  
 Conditions to avoid : None known.  
 Incompatible materials : None known.  
 Hazardous decomposition products : Carbon oxides

### SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routines of exposure : Inhalation, eye contact, skin contact.

**Potential Health Effects**

Eyes : Cause of irritation.  
 Skin : Health injuries are not known or expected under normal use.  
 Ingestion : Health injuries are not known or expected under normal use.  
 Inhalation : Health injuries are not known or expected under normal use.  
 Chronic exposure : Health injuries are not known or expected under normal use.

**Experience with Human Exposure**

Eye contact : Redness, irritation.  
 Skin contact : No symptoms known or expected.  
 Ingestion : No symptoms known or expected.  
 Inhalation : No symptoms known or expected.

**Toxicity**

Acute oral toxicity : Acute toxicity estimate: >5,000 mg/kg

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Acute inhalation toxicity : No data available  
 Acute dermal toxicity : Acute toxicity estimate: >5,000 mg/kg  
 Skin corrosion/irritation : No data available  
 Serious eye damage/eye irritation : Mild eye irritation.  
 Respiratory or skin sensitization : No data available.

**Carcinogenicity**

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.  
 OSHA : No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.  
 NTP : No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### SECTION 12 – ECOLOGICAL INFORMATION

Ecological Tests : Data is not available.  
 Environmental Impact : The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods : The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.  
 Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

#### SECTION 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender are responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Group
US DOT	Not dangerous goods	N/A	N/A	None
IATA (Air)	Not dangerous goods	N/A	N/A	None
IMDG (Vessel)	Not dangerous goods	N/A	N/A	None

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**SECTION 15 – REGULATORY INFORMATION**

**U.S. Federal regulations**

**TSCA 8(b) Inventory** : All components are listed or exempted.

**SARA 302/304/311/312** : No listed substance.

**Extremely Hazardous Substances**

**SARA 302/304 Emergency Planning and Notification** : No listed substance.

**SECTION 16 - OTHER INFORMATION**

**NFPA 704:**



**HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>

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Prepared by : Regulatory Compliance

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