SAFETY DATA SHEET

FOAMING E2 SANITIZING HAND SOAP

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name	:	FOAMING E2 SANITIZER HAND SOAP
Product Codes	:	68309, 68341, 68344
Recommended use	:	E2 hand wash and sanitizer
Product dilution information	:	Reserved for professional food preparation and processing use.
Company	:	Kutol Products Company 100 Partnership Way Sharonville, Ohio 45241-1571 1-800-543-4641
Chemtrec Phone	:	1-800-424-9300
Issuing date	:	08/01/2015

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

Chemical Name	CAS-No.	Concentration (%)
COCAMIDOPROPYL BETAINE	61789-40-0	0 – 5
COCAMINE OXIDE	68155-09-9	0 – 5
BENZALKONIUM CHLORIDE	8001-54-5	0 – 5

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

Engineering measures	:	Good general ventilation should be sufficient to control workers exposure to airborne contamination.
<u>Personal protection</u>		
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: White thin pale yellow liquid
Odor: Bland, fragrance free
Odor Threshold: No data available
ph: 7.4 typical
Melting point/freezing point: N/A
Initial boiling and boiling range: N/A
Flash point: N/A
Evaporation rate: <1
Flammability (solid, gas): No data available

Upper/lower flammability limits: N/A
Vapor pressure: N/A
Vapor density: N/A
Relative density: No data available.
Solubility (ies): No data available.
Partition coefficient: n-octanol/water: No data available.
Auto ignition temperature: N/A
Decomposition temperature: No data available.
Viscosity: N/A

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
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

SECTION 15 – REGULATORY INFORMATION

U.S. Federal regulations

TSCA (Toxic Substances Control Act):	:	All ingredients in this product are either listed, or exempt from listing, on the TSCA Inventory.
CERCLA (Comprehensive Response Compensation, and Liability Act)	:	Not Determined
SARA Title III (Superfund Amendments and Reauthorization Act)	:	None
SARA 313 Reportable Ingredients	:	None.

SECTION 16 - OTHER INFORMATION

NFPA 704:

HMIS III:

HEALTH	**1**
FLAMMABILITY	**0**
PHYSICAL HAZARDS	**0**

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Prepared by	:	Regulatory Compliance

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