
1. Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name: Foaming Hand Sanitizer

1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses of the Substance/Mixture: Topical antimicrobial (for further information refer to the product technical datasheet)

1.3 Details of the supplier of the safety data sheet

Company: Kamco Industries LLC
6969 Speedway Blvd., Suite 107
Las Vegas, NV 89115
702-518-1253 info@kamco-online.com

Date prepared: 4/1/2020 Vision: 1

1.4 Emergency telephone

Emergency telephone number: CHEMTREC (800) 424-9300

2. Hazards identification

2.1 Emergency overview

Appearance: Clear solution with characteristic odor

GHS classification Health

Serious eye damage/eye irritation Category 2B

2.2 GHS label elements, including precautionary statements

Hazard pictograms/symbols None

Signal Word: Warning

Hazard Statements: H320: Causes eye irritation

Precautionary Statements:

Prevention P264: Wash affected areas thoroughly after handling**Response** P305+P351+P338+P337+P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.**2.3 Other hazards**

No information available

3. Composition/information on ingredients

3.1 Information on components and impurities

Component	CAS#	Amount
Water	7732-18	>90%
Cocamidopropyl Betaine	61789-40-0	<5%
Fragrance	Mixture	<1%
Citric Acid	77-92-9	<1%
Benzalkonium Chloride	68424-85-1	<1%

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

4. First aid measures

4.1 Description of first-aid measures

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin contact: No known effect after skin contact. Thoroughly rinse with water.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. If victim is conscious and alert, give 2-4 cup of water. Get medical attention if symptoms occur

If inhaled: No special measures required. Treat symptomatically.

Note to physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

5. Firefighting measures

Flash Point and Method: None

5.1 Extinguishing media

Suitable extinguishing media: The product is not flammable
Use media suitable for the material that is burning

Unsuitable extinguishing media: No data available

5.2 Special hazards arising from the substance or mixture

Special hazards during fire fighting: Container may rupture on heating

On combustion or on thermal decomposition: May include carbon oxides, nitrogen oxides

5.3 Advice for firefighters

Special protective equipment for firefighters: As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

Specific firefighting methods: No special methods required. Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. Contain the extinguishing fluids by diking

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Spill area may be slippery. Wear appropriate protective equipment (See Section 8).

6.2 Environmental precautions

Observe all federal, state and local environmental regulations.

6.3 Methods and material for containment and cleaning up

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container

Disposal: Dispose of in accordance with local regulations

Additional advice: Spill area may be slippery
Use a water rinse for final clean-up

7. Handling and storage
7.1 Precautions for safe handling

Technical measures: Does not require any specific or particular measures
 Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures for storage: Does not require any specific or particular measures

Storage conditions Recommended: Keep container tightly closed. Protect containers against damage.
 Keep out of reach of children. Keep container tightly closed.
 Handle in accordance with good industrial hygiene and safety practice.

8. Exposure controls/personal protection

Introductory remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers

8.1 Control parameters

Components with workplace control parameters

Components	Value	Control parameters	Basis
Not reportable			

Respiratory protection: A respirator is not needed under normal and intended conditions of product use

Hand protection: No protective equipment is needed under normal use conditions

Eye protection: No protective equipment is needed under normal use conditions

Skin and body protection: No protective equipment is needed under normal use conditions

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical and chemical properties listed represent typical properties and should not be considered product specifications. Refer to product Certificate of Analysis for Product Specifications or contact Gray Beard Solutions for additional information.

9.1 Information on basic physical and chemical properties

Appearance: Clear solution
 Odor: Characteristic odor
 pH: 6.5-7.5
 Flash Point: Does not flash
 SpGr: 0.98-1.02
 Boiling Point: >100° C

9.2 Other information

No information available

10. Stability and reactivity

10.1 Reactivity

No information available

10.2 Chemical stability

Stable and non-reactive under normal conditions of use, storage and transport

10.3 Possibility of hazardous reactions

No information available

10.4 Conditions to avoid

No information available

10.5 Incompatible materials

No information available

10.6 Hazardous decomposition products

Oxides of carbon and nitrogen

11. Toxicological information

Product Summary: Causes eye irritation

No data available for the teratogenicity, mutagenicity, or reproductive toxicity of this product. No data available to designate the product as causing specific target organ toxicity through repeated exposure. No data available to designate product as an aspiration hazard.

Information on likely routes of exposure:

Eye contact Causes eye irritation. Symptoms may include irritation, watering, redness

Skin contact No known significant effects or critical hazards

Ingestion No known significant effects or critical hazards

Inhalation No known significant effects or critical hazards

Sensitization No known effects

11.1 Information on toxicological effects

Acute toxicity

Acute oral: LD50 >5000 mg/kg

Acute dermal: LD50 >2000 mg/kg

Acute inhalation: No information available

Acute toxicity (other): No information available

Skin corrosion/irritation

Skin irritation: No known significant effects or critical hazards

Serious eye damage/eye irritation

Eye irritation: Causes eye irritation

Respiratory or skin sensitization

Sensitization: Not classified as sensitizing by skin contact

Other Hazards No information available

12. Ecological information

12.1 General Ecological

Environmental No information available

12.2 Persistence and degradability

Biodegradation: No information available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: No bioaccumulation is to be expected (log Pow<=4)

Bioconcentration factor (BCF): No information available

12.4 Mobility in soil

Known distribution to environmental compartments: No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Other adverse effects

Environmental assessment: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

13. Disposal considerations
13.1 Waste treatment methods

Product disposal: US EPA guidelines for the classification determination are listed in 40 CFR Part 261. Dispose of this product in accordance with all federal, state and local regulations.

Packaging: Discard empty container in trash or offer for recycling

14. Transportation information

DOT Hazard Classification: Not applicable.

15. Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Notification status: Not applicable

OSHA Hazard Communication Standard (26 CFR 1910.1200): Hazardous

CERCLA (RQ)

Ingredient(s)	CAS#	Weight	CERCLA RQ	Section 302 TPQ
Not listed				

SARA/EPCRA Extremely Hazardous Substances (302/304)

Ingredient(s)	CAS#	Weight	RQ	TPQ
Not listed				

SARA Hazard Categories (311/312)

Fire	Reactive	Acute health hazard	Chronic health hazard
No	No	No	No

SARA Toxic Substances (313) The following components are subject to SARA Section 313 reporting requirements

Ingredient(s)	CAS#	Weight
Not listed		

CAA (311) Volatile Organic compounds

Ingredient(s)	CAS#	Weight
Not listed		

State regulations

California Prop 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Carcinogens & Reproductive Toxicity (CRT): Not listed

CARB Identified Toxic Air Contaminants: Not listed

Cleaning Products Right to Know: Not listed

15.2 Other regulations

No information available

16. Other information

NFPA-Classification		HMIS-Classification	
Health	1 slight	Health	1 slight
Flammability	0 insignificant	Flammability	0 insignificant
Instability or Reactivity	0 insignificant	Reactivity	0 insignificant
		HMIS PPE	

Key or legend to abbreviations and acronyms used in the safety data sheet	
ACGIH: American Conference of Governmental Industrial Hygienists	NIOSH: National Institute for Occupational Safety and Health
HMIS: Hazardous Materials Identification System	NTP: National Toxicology Program
IARC: International Agency for Research on Cancer	OSHA: Occupational Safety and Health Administration
NFPA: National Fire Protection Association	

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.