

SAFETY DATA SHEET

4% CHG ANTIBACTERIAL HAND WASH

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name : 4% CHG ANTIBACTERIAL HAND WASH

Product Code : 2809

Recommended use : Surgical hand soap. Healthcare personnel hand wash. Skin wound and general skin cleanser.

Product dilution information : Product is sold ready to use.

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

Chemtrec Phone : 1-800-424-9300

Issuing date : 4/02/2018

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS Classification : This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 2

GHS Label Element
Hazards pictograms



Signal Word : **Danger**

Hazard Statements : Causes skin irritation.
Causes serious eye damage.
Suspected of causing cancer.

Precautionary Statements - Prevention : Wash hands and face thoroughly after handling.
Wear protective gloves and eye protection such as safety glasses.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response : If on skin: Wash with plenty of water.
Specific treatment (see supplemental first aid instructions on this label).
If skin irritation occurs: Get medical advice.
Take off contaminated clothing and wash it before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor.
If exposed or concerned: Get medical advice.

Precautionary Statements - Storage : Store locked up.

Precautionary Statements - Disposal : Dispose of contents/container to an approved waste disposal in accordance with all applicable federal, state, and local regulations.

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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

<u>Chemical Name</u>	<u>Concentration (%)</u>	<u>CAS No.</u>
Chlorhexidine digluconate	1 - 5	18472-51-0
Isopropyl alcohol	1 – 5	67-63-0

SECTION 4 – FIRST AID MEASURES

General Advice	: Show this safety data sheet to the doctor in attendance.
Eye Contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin Contact	: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation	: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen. If symptoms persist, call a doctor.
Ingestion	: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
Self-protection of the first aider	: Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	: Dry chemical. Carbon dioxide (CO2). Alcohol resistant foam.
Unsuitable extinguishing media	: None.
Specific Hazards Arising from the Chemical	: Thermal decomposition may produce toxic fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen.
Protective equipment and precautions for firefighters	: Move containers from fire area if you can do it without risk.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	: Use personal protective equipment as required.
Other Information	: Refer to protective measures listed in Sections 7 and 8.
Environmental Precautions	: Do not allow product to enter storm drains, lakes, or streams. See Section 12 for ecological Information.
Methods for containment	: Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

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SECTION 7 – HANDLING AND STORAGE

- Handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Use personal protection equipment.
- Storage : Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Store at temperatures below 98°F. Keep in properly labeled containers. Store in accordance with the national and local regulations.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m3 TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m3

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value; OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits; NIOSH IDLH Immediately Dangerous to Life or Health

- Eye/Face Protection : If splashes are likely to occur: Safety glasses or goggles.
- Skin and Body Protection : No protective equipment is needed under normal use.
- Respiratory Protection : No protective equipment is needed under normal use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid Color: clear, amber Odor Threshold: no data available pH: 6.0 – 7.5 Flash point: 48 degrees C Melting point/freezing point: no data available Evaporation rate: no data available	Upper/lower flammability limits: no data available Vapor pressure: no data available Relative density: 1.01 Water solubility: no data available. Auto ignition temperature: no data available. Viscosity: no data available. VOC: no data available
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SECTION 10 – STABILITY AND REACTIVITY

- Chemical 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 : Heat, flames and sparks.
- Incompatible materials : None known.
- Hazardous decomposition products : Decomposition products may include the following: Carbon Oxides, Nitrogen Oxides, Sulfur Oxides and Oxides of Phosphorous.

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SECTION 11 – TOXICOLOGICAL INFORMATION

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

Potential Health Effects

Eyes : Causes serious eye irritation
Skin : Do not use in the perineal or eyelid areas. Do not instill in the middle ear – may cause deafness if ear drum is perforated.
Ingestion : Health injuries are not known or expected under normal use.
Inhalation : Health injuries are not known or expected under normal use.
Chronic exposure : Suspected of causing cancer.

Experience with Human Exposure

Eye contact : Redness, pain, 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 : Serious eye irritation.
Respiratory or skin sensitization : No data available.

Carcinogenicity

IARC : **Group 2B: Possibly carcinogenic to humans**
Amides, coco, n,n-bis(hydroxyethyl)
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 Effects : Very toxic to aquatic life

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.

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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 8(b) Inventory** : All components are listed or exempted.
- SARA 302/304/311/312 Extremely Hazardous Substances** : No listed substance.
- SARA 302/304 Emergency Planning and Notification California Prop 65** : No listed substance.
- : WARNING! This product contains a chemical known in the State of California to cause cancer.
Amides, coco, n,n-bis(hydroxyethyl) CAS 68603-42-p

SECTION 16 - OTHER INFORMATION

NFPA 704:



HMIS III:

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARDS	0

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Prepared by : Regulatory Compliance

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as 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 conjunction with any other materials or in any process, unless specified in the text.