



# Safety Data Sheet

## 2% CHG SKIN CLEANSING KIT

### Section 1. Identification

Product Identifier 2% CHG SKIN CLEANSING KIT  
Synonyms MSC0954KT2 ; MSD\_SDS0346  
Manufacturer Stock MSC0954KT2  
Numbers

Recommended use Pharmaceutical Agent.  
Uses advised against Use only as directed.

Manufacturer Contact  
Address Medline Industries, Inc.  
3 Lakes Drive  
Northfield, IL, 60093  
USA

Phone  
(800) 633-5463

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(847) 643-4436

Website  
[www.Medline.com](http://www.Medline.com)

### Section 2. Hazards Identification

Classification CARCINOGENICITY - Category 2  
SERIOUS EYE DAMAGE /EYE IRRITATION - Category 1  
SKIN CORROSION/IRRITATION - Category 2

Signal Word Danger

Pictogram



Hazard Statements

Causes serious eye damage  
Causes skin irritation  
Suspected of causing cancer

Precautionary Statements

Response

If exposed or concerned: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin: Wash with plenty of water.  
If skin irritation occurs: Get medical advice/attention.  
Immediately call a poison center/doctor.  
Specific treatment, see Section 4 on this label.  
Take off contaminated clothing and wash it before reuse.

Prevention

Do not handle until all safety precautions have been read and understood.  
Obtain special instructions before use.  
Wash thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container to an approved waste disposal plant.

Ingredients of unknown toxicity

N.D

Hazards not Otherwise Classified

N.D.

Other hazards:

No additional information available.

Unknown acute toxicity (GHS-US):

No data available.

### Section 3. Ingredients

Mixture

CAS	Ingredient Name	Weight %
18472-51-0	D-Gluconic acid, compd. with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-te	Proprietary %
7732-18-5	Water	Proprietary %
67-63-0	Isopropyl alcohol	Proprietary %
9004-62-0	Cellulose, 2-hydroxyethyl ether	Proprietary %
1643-20-5	1-Dodecanamine, N,N-dimethyl-, N-oxide	Proprietary %
68603-42-9	Amides, coco, N,N-bis(hydroxyethyl)	Proprietary %
77-92-9	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	Proprietary %

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

Skin Contact:	Wash with soap and water. Seek medical advice if skin irritation develops or persists.
Inhalation:	No specific first aid necessary for this route of exposure.
Ingestion	Do NOT induce vomiting. Seek medical attention.
Indication of any immediate medical attention and special treatment needed:	No additional information available.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Dry chemical powder, alcohol foam, carbon dioxide (CO <sub>2</sub> ), water spray, fog.
Unsuitable Extinguishing Media	None.
Special hazards arising from the substance or mixture:	Fire hazard: Not flammable. Thermal decomposition may produce toxic fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen.  Explosion hazard: None known.
Advice for firefighters:	Protection during firefighting: Firefighters should wear full protective gear.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	For non-emergency personnel: No additional information available.  For emergency responders: No additional information available.
Environmental Precautions:	Avoid release to the environment.
Methods and Materials for Containment and Cleaning up:	For containment: Stop the flow of material, if this is without risk.  Methods for cleaning up: Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.
Reference to other sections:	No additional information available.

## Section 7. Handling and Storage

Precautions for Safe Handling:	Precautions for Safe Handling: Avoid contact with eyes. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities:	Storage Conditions: Keep away from open flames, hot surfaces and sources of ignition. Store at temperatures not exceeding 37°C.

Specific End use(s): Pharmaceutical agent.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	D-Gluconic acid, compd. with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-te	N/A	N/A	N/A
	Water	N/A	N/A	N/A
	Isopropyl alcohol	TWA: 200 ppm  STEL: 400 ppm  	TWA: 400 ppm  STEL: 500 ppm	N/A
	Cellulose, 2-hydroxyethyl ether	N/A	N/A	N/A
	1-Dodecanamine, N,N-dimethyl-, N-oxide	N/A	N/A	N/A
	Amides, coco, N,N-bis(hydroxyethyl)	N/A	N/A	N/A
	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	N/A	N/A	N/A

Personal Protective Equipment

N/A

Appropriate Engineering Controls:

Provide adequate general and local exhaust ventilation.

Hand Protection:

Wear impervious gloves to minimize skin contact.

Eye Protection:

Chemical goggles or safety glasses.

Skin and Body Protection:

Wear suitable working clothes.

Respiratory Protection:

None required under normal product handling conditions.

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Odor	No data available
Odor Threshold	No data available
Solubility	Water: Soluble
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	No data available
Specific Gravity	1.06
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A

Flash Point	>200°F
FP Method	N.D.
pH	No data available
Melting Point	No data available
Boiling Point	97°C
Boiling Range	No data available
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	No data available
Vapor Density	No data available

Other information: No additional information available.

## Section 10. Stability and Reactivity

Reactivity: No additional information available.

Chemical Stability: The product is stable at normal handling- and storage conditions.

Possibility of hazardous reactions: Will not occur.

Conditions to avoid: Storage in excess heat (104°F) over a long period of time.

Incompatibility (Materials to Avoid): None known.

Hazardous Decomposition or Byproducts: Thermal decomposition may produce toxic fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen.

## Section 11. Toxicological Information

Information on Toxicological Effects: Acute Toxicity: Not classified.

Water CAS-No. 7732-18-5  
LD50 Oral rat: > 90 ml/kg

Chlorhexidine digluconate CAS-No. 18472-51-0  
LD50 Oral rat: 2g/kg

ATE(oral): 500.000 mg/kg

Isopropyl alcohol CAS-No. 67-63-0

LD50 Oral rat: 4396 mg/kg

LD50 Dermal rat: 12800 mg/kg

LD50 Dermal rabbit: 12870 mg/kg

LC50 Inhalation rat (mg/l): 72.6 mg/l (Exposure time: 4 h )

Citric Acid CAS-No. 77-92-9

LD50 Oral rat: 3000 mg/kg

ATE (oral): 3000.000 mg/kg

Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/Eye irritation:	Causes serious eye damage.
Respiratory/Skin Sensitization:	Not classified.
Germ cell Mutagenicity:	Not classified.
Carcinogenicity:	Suspected of causing cancer.
IARC Group: 3	Isopropyl Alcohol CAS-No. 67-63-0
IARC Group: 2B	Ammonyx Lo CAS-No. 1643-20-5
National Toxicity Program (NTP) Status: 1	Ammonyx Lo CAS-No. 1643-20-5
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity - Single exposure:	Not classified.
Specific Target Organ Toxicity - Repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

## Section 12. Ecological Information

Toxicity:	Isopropyl Alcohol CAS-No. 67-63-0 LC50 fishes 1: 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 Daphnia 1: 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna) EC50 other aquatic organisms 1: > 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus) LC50 fish 2: 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 other aquatic organisms 2: > 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
	Citric Acid CAS-No. 77-92-9

LC50 fishes 1: 1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  
EC50 Daphnia 1: 120 mg/l (Exposure time: 72 h - Species: Daphnia magna)

Ammonyx Lo CAS-No. 1643-20-5  
LC50 fishes 1: 3.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])  
EC50 Daphnia 1: 4.2 mg/l (Exposure time: 24 h - Species: Daphnia magna)

Persistence and degradability:

No additional information available.

Bioaccumulative potential: Isopropyl Alcohol CAS-No. 67-63-0  
Log Pow: 0.05 (at 25°C)

Citric Acid CAS-No. 77-92-9  
Log Pow: -1.72 (at 20°C)

Mobility in soil:

No additional information available.

Other adverse effects:

No additional information available.

## Section 13. Disposal

Waste Treatment Methods: Waste disposal recommendations:  
Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 14. Transport Information

UN Number: N/A  
UN Proper Shipping Name: Chlorhexidine Gluconate Aqueous Solutions of alcohol containing 24% or less alcohol by volume and no other hazardous material.  
DOT Classification: Not Regulated  
Packing Group: Not Regulated

## Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.  
SARA 302: N.A.  
SARA 313: Isopropyl alcohol.  
TSCA: N.A.  
CERCLA Hazardous Substance List: N.A.  
Clean Air Act (CAA) Section 112, 112 (r): N.A.  
New Jersey Right to Know Components: Isopropyl Alcohol  
Pennsylvania Right to Know Components: 2-PROPANOL.  
Rhode Island Right to Know Components: isopropyl alcohol.

## Section 16. Other Information

Revision Date

09/15/2017

Legend

N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

Additional Information

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