

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
 Product name : Sani-Kleen  
 Product code : IMP825

#### 1.2. Recommended use and restrictions on use

Recommended use : Multi Purpose Cleaner

#### 1.3. Supplier

**Manufacturer**  
 Imperial Soap and Supplies Ltd  
 1518 Inkster Blvd.  
 Winnipeg, Manitoba  
 R2X 2T8  
 T 204-586-8147

#### 1.4. Emergency telephone number

Emergency number : Canutec - 613-996-6666 (transport)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Skin Irrit. 2 H315  
 Eye Irrit. 2A H319  
 Carc. 2 H351

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS CA) :

Warning

Hazard statements (GHS-CA) :

H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H351 - Suspected of causing cancer.

Precautionary statements (GHS-CA) :

P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P308+P313 - IF exposed or concerned: Get medical advice/attention.  
 P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%
Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	(CAS-No.) 64-02-8	3 - 7
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt	(CAS-No.) 9004-82-4	1 - 5
Disodium carbonate	(CAS-No.) 497-19-8	1 - 5
Nitritotriacetic acid trisodium salt	(CAS-No.) 5064-31-3	0.1 - 1.5
Sodium hydroxide	(CAS-No.) 1310-73-2	0.1 - 1.5
Ethyl alcohol	(CAS-No.) 64-17-5	0.1 - 1

Comments : \*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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 advice/attention.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Chronic symptoms : Suspected of causing cancer.

### 4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

### 5.2. Unsuitable extinguishing media

- Unsuitable extinguishing media : None known.

### 5.3. Specific hazards arising from the hazardous product

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

### 5.4. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Methods and materials for containment and cleaning up

- For containment : Dilute with water. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Store tightly closed in a dry and cool place. Store in original container. Store locked up.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Sodium hydroxide (1310-73-2)		
USA - ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Ethyl alcohol (64-17-5)		
USA - ACGIH	ACGIH STEL (ppm)	1000 ppm

#### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Hand protection:

Wear suitable gloves resistant to chemical penetration

##### Eye protection:

Wear eye/face protection

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

##### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Yellow
- Colour : Yellow
- Odour : Citrus
- Odour threshold : No data available
- pH : 10 - 11
- Relative evaporation rate (butylacetate=1) : No data available
- Relative evaporation rate (ether=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : No data available
- Vapour pressure at 50 °C : No data available
- Relative density : 1.01

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Solubility	: Water: 100 %
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Incompatible materials.
Incompatible materials	: Mineral acids.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

#### Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt (64-02-8)

LD50 oral rat	1658 mg/kg
LD50 oral	1210 mg/kg
ATE CA (oral)	1210 mg/kg bodyweight

#### Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt (9004-82-4)

LD50 oral rat	1600 mg/kg
ATE CA (oral)	1600 mg/kg bodyweight

#### Nitriiotriacetic acid trisodium salt (5064-31-3)

LD50 oral rat	1100 mg/kg
LC50 inhalation rat	> 5 mg/l/4h
ATE CA (oral)	1100 mg/kg bodyweight

#### Sodium hydroxide (1310-73-2)

LD50 oral rat	325 mg/kg
LD50 dermal rabbit	1350 mg/kg
ATE CA (oral)	325 mg/kg bodyweight
ATE CA (Dermal)	1350 mg/kg bodyweight

#### Ethyl alcohol (64-17-5)

LD50 oral rat	7060 mg/kg
LC50 inhalation rat	124.7 mg/l/4h
ATE CA (oral)	7060 mg/kg bodyweight
ATE CA (vapours)	124.7 mg/l/4h
ATE CA (dust,mist)	124.7 mg/l/4h

#### Disodium carbonate (497-19-8)

LD50 oral rat	4090 mg/kg
ATE CA (oral)	4090 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation. pH: 10 - 11
Serious eye damage/irritation	: Causes serious eye irritation. pH: 10 - 11
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.

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STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of causing cancer.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

<b>Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-], tetrasodium salt (64-02-8)</b>	
LC50 fish 1	41 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	59.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 72h algae (1)	1.01 mg/l (Species: Desmodemus subspicatus)

<b>Nitrilotriacetic acid trisodium salt (5064-31-3)</b>	
LC50 fish 1	93 - 170 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	175 - 225 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	560 - 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

<b>Sodium hydroxide (1310-73-2)</b>	
LC50 fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	40 mg/l

<b>Ethyl alcohol (64-17-5)</b>	
LC50 fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

<b>Disodium carbonate (497-19-8)</b>	
LC50 fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### 12.2. Persistence and degradability

<b>Sani-Kleen</b>	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

<b>Sani-Kleen</b>	
Bioaccumulative potential	Not established.

<b>Ethyl alcohol (64-17-5)</b>	
Partition coefficient n-octanol/water	-0.32

<b>Disodium carbonate (497-19-8)</b>	
BCF fish 1	(no bioaccumulation)

#### 12.4. Mobility in soil

<b>Ethyl alcohol (64-17-5)</b>	
Partition coefficient n-octanol/water	-0.32

#### 12.5. Other adverse effects

Ozone : Not classified.  
Other information : No other effects known.

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

#### 14.2. Transport information/DOT

No additional information available

#### 14.3. Air and sea transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

#### 15.2. International regulations

No additional information available

### SECTION 16: Other information

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Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



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