

Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate



## Safety Data Sheet

Copyright, 2017, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

**Document group:** 26-6011-6 **Version number:** 8.01  
**Issue Date:** 06/04/2017 **Supersedes date:** 18/11/2016

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

### SECTION 1: Identification

#### 1.1. Product identifier

Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate

#### Product Identification Numbers

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| 70-2007-8813-4 | 70-2007-8999-1 | 70-2007-9000-7 | 70-2007-9001-5 | AH-0105-8394-8 |
| AH-0105-8395-5 | CH-0000-1559-4 | CH-0000-1562-8 | CH-0000-1568-5 | CH-0000-1699-8 |
| CH-0000-2124-6 | CH-0000-2125-3 | CH-0000-2127-9 | CH-0000-2128-7 | UU-0015-6695-7 |
| UU-0015-7051-2 | UU-0015-7052-0 | UU-0015-7053-8 | UU-0015-7055-3 | UU-0015-7998-4 |
| UU-0016-0094-7 | UU-0016-3535-6 |                |                |                |

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

##### Recommended use

Sanitiser

For Industrial or Professional use only.

#### 1.3. Supplier's details

**Address:** 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113  
**Telephone:** 136 136  
**E Mail:** productinfo.au@mmm.com  
**Website:** www.3m.com.au

#### 1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

### SECTION 2: Hazard identification

This product is classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

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

Flammable Liquid: Category 2.

Serious Eye Damage/Irritation: Category 2.  
Specific Target Organ Toxicity (single exposure): Category 3.

## 2.2. Label elements

The label elements below were prepared in accordance with the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia, December 2011). This information may be different from the actual product label.

### Signal word

DANGER!

### Symbols

Flame | Exclamation mark |

### Pictograms



### Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

### Precautionary statements

#### Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P240 Ground/bond container and receiving equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280B Wear protective gloves and eye/face protection.

P264 Wash thoroughly after handling.

#### Response:

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P312 Call a POISON CENTRE or doctor/physician if you feel unwell.

P370 + P378G In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

#### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P235 Keep cool.

P405 Store locked up.

**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

**Disposal:**

P501

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

**2.3. Other assigned/identified product hazards**

None known.

**2.4. Other hazards which do not result in classification**

Toxic to aquatic life with long lasting effects.

**SECTION 3: Composition/information on ingredients**

This material is a mixture.

| <b>Ingredient</b>         | <b>CAS Nbr</b> | <b>% by Weight</b> |
|---------------------------|----------------|--------------------|
| ISOPROPANOL               | 67-63-0        | 40 - 70            |
| Water                     | 7732-18-5      | 30 - 60            |
| Chlorhexidine Digluconate | 18472-51-0     | 0.5 - 1.5          |

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin contact**

No need for first aid is anticipated.

**Eye contact**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**If swallowed**

Rinse mouth. If you feel unwell, get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures**

**5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**5.2. Special hazards arising from the substance or mixture**

Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products**

**Substance**

Carbon monoxide.

**Condition**

During combustion.

**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

Carbon dioxide.

During combustion.

### 5.3. Special protective actions for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

**Hazchem Code:** 1Z

## SECTION 6: Accidental release measures

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

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. **WARNING !** A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An Alcohol Resistant foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

For industrial or professional use only. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Do not get in eyes. Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapour accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

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

Store in a well-ventilated place. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidising agents.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient  | CAS Nbr | Agency | Limit type               | Additional comments     |
|-------------|---------|--------|--------------------------|-------------------------|
| ISOPROPANOL | 67-63-0 | ACGIH  | TWA:200 ppm;STEL:400 ppm | A4: Not class. as human |

**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

|             |         |                |  |        |
|-------------|---------|----------------|--|--------|
|             |         |                |  | carcin |
| ISOPROPANOL | 67-63-0 | Australia OELs | TWA(8 hours):983 mg/m <sup>3</sup> (400 ppm);STEL(15 minutes):1230 mg/m <sup>3</sup> (500 ppm) |        |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

## 8.2. Exposure controls

### 8.2.1. Engineering controls

Use explosion-proof ventilation equipment. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect vented goggles.

Select and use eye protection in accordance with AS/NZS 1336. Eye protection should comply with the performance specifications of AS/NZS 1337.

#### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Butyl rubber.

Neoprene.

Select and use gloves according to AS/NZ 2161.

#### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours

For questions about suitability for a specific application, consult with your respirator manufacturer.

Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance specifications. For information about respirators, call 3M on 1800 024 464.

## SECTION 9: Physical and chemical properties

Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate

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

|   |                                  |
|---|----------------------------------|
| Physical state                                    | Liquid.                          |
| Specific Physical Form:                           | Liquid.                          |
| Appearance/Odour                                  | Clear liquid with alcohol odour; |
| Odour threshold                                   | <i>No data available.</i>        |
| pH  | 5 - 8 [Details:at 25C]           |
| Melting point/Freezing point                      | <i>No data available.</i>        |
| Boiling point/Initial boiling point/Boiling range | 80 °C - 100 °C                   |
| Flash point                                       | 13 °C [Test Method:Closed Cup]   |
| Evaporation rate                                  | <i>No data available.</i>        |
| Flammability (solid, gas)                         | Not applicable.                  |
| Flammable Limits(LEL)                             | 2 % volume                       |
| Flammable Limits(UEL)                             | 12 % volume                      |
| Vapour pressure                                   | <i>No data available.</i>        |
| Vapour density                                    | <i>No data available.</i>        |
| Density   | 0.872 g/ml - 0.887 g/ml          |
| Relative density                                  | 0.872 - 0.887 [Ref Std:WATER=1]  |
| Water solubility                                  | 100 %                            |
| Solubility- non-water                             | <i>No data available.</i>        |
| Partition coefficient: n-octanol/water            | <i>No data available.</i>        |
| Autoignition temperature                          | <i>No data available.</i>        |
| Decomposition temperature                         | <i>No data available.</i>        |
| Viscosity   | <i>No data available.</i>        |
| Volatile organic compounds (VOC)                  | <i>No data available.</i>        |
| Percent volatile                                  | <i>No data available.</i>        |
| VOC less H2O & exempt solvents                    | <i>No data available.</i>        |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

### 10.2 Chemical stability

Stable.

### 10.3. Conditions to avoid

Heat.  
Sparks and/or flames.  
Light.

### 10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.5 Incompatible materials

Strong oxidising agents.  
Strong acids.

### 10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known.      |                  |

## SECTION 11: Toxicological information

**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

## 11.1 Information on Toxicological effects

### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

#### Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Prolonged or repeated exposure may cause:

Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

#### Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

#### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

### Additional Health Effects:

#### Single exposure may cause target organ effects:

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

### Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### Acute Toxicity

| Name                      | Route                       | Species | Value  |
|---------------------------|-----------------------------|---------|--|
| Overall product           | Ingestion                   |         | No data available; calculated ATE >5,000 mg/kg |
| ISOPROPANOL               | Dermal                      | Rabbit  | LD50 12,870 mg/kg                              |
| ISOPROPANOL               | Inhalation-Vapour (4 hours) | Rat     | LC50 72.6 mg/l                                 |
| ISOPROPANOL               | Ingestion                   | Rat     | LD50 4,710 mg/kg                               |
| Chlorhexidine Digluconate | Dermal                      | Rabbit  | LD50 > 5,000 mg/kg                             |
| Chlorhexidine Digluconate | Ingestion                   | Rat     | LD50 2,000 mg/kg                               |

ATE = acute toxicity estimate

**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

#### Skin Corrosion/Irritation

| Name                      | Species                 | Value                     |
|---------------------------|-------------------------|---------------------------|
| ISOPROPANOL               | Multiple animal species | No significant irritation |
| Chlorhexidine Digluconate | Rabbit                  | No significant irritation |

#### Serious Eye Damage/Irritation

| Name                      | Species | Value           |
|---------------------------|---------|-----------------|
| ISOPROPANOL               | Rabbit  | Severe irritant |
| Chlorhexidine Digluconate | Rabbit  | Corrosive       |

#### Skin Sensitisation

| Name                      | Species          | Value  |
|---------------------------|------------------|--|
| ISOPROPANOL               | Guinea pig       | Not sensitizing  |
| Chlorhexidine Digluconate | Human and animal | Some positive data exist, but the data are not sufficient for classification |

#### Respiratory Sensitisation

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Germ Cell Mutagenicity

| Name                      | Route    | Value         |
|---------------------------|----------|---------------|
| ISOPROPANOL               | In Vitro | Not mutagenic |
| ISOPROPANOL               | In vivo  | Not mutagenic |
| Chlorhexidine Digluconate | In Vitro | Not mutagenic |
| Chlorhexidine Digluconate | In vivo  | Not mutagenic |

#### Carcinogenicity

| Name                      | Route      | Species                 | Value  |
|---------------------------|------------|-------------------------|--|
| ISOPROPANOL               | Inhalation | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Chlorhexidine Digluconate | Ingestion  | Multiple animal species | Not carcinogenic   |

#### Reproductive Toxicity

##### Reproductive and/or Developmental Effects

| Name                      | Route      | Value  | Species | Test result         | Exposure Duration    |
|---------------------------|------------|--|---------|---------------------|----------------------|
| ISOPROPANOL               | Ingestion  | Some positive developmental data exist, but the data are not sufficient for classification | Rat     | NOAEL 400 mg/kg/day | during organogenesis |
| ISOPROPANOL               | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification | Rat     | LOAEL 9 mg/l        | during gestation     |
| Chlorhexidine Digluconate | Ingestion  | Some positive developmental data exist, but the data are not sufficient for classification | Rat     | NOAEL 30 mg/kg/day  | during gestation     |

#### Target Organ(s)



**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

#### Specific Target Organ Toxicity - single exposure

| Name                      | Route      | Target Organ(s)                   | Value  | Species                | Test result         | Exposure Duration      |
|---------------------------|------------|-----------------------------------|--|------------------------|---------------------|------------------------|
| ISOPROPAN OL              | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available |                        |
| ISOPROPAN OL              | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                  | NOAEL Not available |                        |
| ISOPROPAN OL              | Inhalation | auditory system                   | Some positive data exist, but the data are not sufficient for classification | Guinea pig             | NOAEL 13.4 mg/l     | 24 hours               |
| ISOPROPAN OL              | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available | poisoning and/or abuse |
| Chlorhexidine Digluconate | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                        |

#### Specific Target Organ Toxicity - repeated exposure

| Name                      | Route      | Target Organ(s)                              | Value  | Species | Test result          | Exposure Duration |
|---------------------------|------------|--|--|---------|----------------------|-------------------|
| ISOPROPAN OL              | Inhalation | kidney and/or bladder                        | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 12.3 mg/l      | 24 months         |
| ISOPROPAN OL              | Inhalation | nervous system                               | All data are negative  | Rat     | NOAEL 12 mg/l        | 13 weeks          |
| ISOPROPAN OL              | Ingestion  | kidney and/or bladder                        | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 400 mg/kg/day  | 12 weeks          |
| Chlorhexidine Digluconate | Ingestion  | liver  | Some positive data exist, but the data are not sufficient for classification | Dog     | NOAEL 0.89 mg/kg/day | 1 years           |
| Chlorhexidine Digluconate | Ingestion  | immune system                                | Some positive data exist, but the data are not sufficient for classification | Rabbit  | NOAEL 71 mg/kg/day   | 2 years           |
| Chlorhexidine Digluconate | Ingestion  | hematopoietic system   kidney and/or bladder | All data are negative  | Rat     | NOAEL 71 mg/kg/day   | 2 years           |

#### Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Exposure Levels

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate

#### Interactive Effects

Not determined.

## SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

### 12.1. Toxicity

#### Acute aquatic hazard:

GHS Acute 2: Toxic to aquatic life.

#### Chronic aquatic hazard:

GHS Chronic 2: Toxic to aquatic life with long lasting effects.

No product test data available.

| Material                  | CAS Number | Organism    | Type         | Exposure | Test endpoint | Test result |
|---------------------------|------------|-------------|--------------|----------|---------------|-------------|
| Chlorhexidine Digluconate | 18472-51-0 | Zebra Fish  | Experimental | 96 hours | LC50          | 10.4 mg/l   |
| Chlorhexidine Digluconate | 18472-51-0 | Green algae | Experimental | 72 hours | EC50          | 0.011 mg/l  |
| Chlorhexidine Digluconate | 18472-51-0 | Water flea  | Experimental | 48 hours | EC50          | <0.1 mg/l   |

### 12.2. Persistence and degradability

| Material                  | CAS Number | Test type   | Duration | Study Type | Test result | Protocol                  |
|---------------------------|------------|---|----------|------------|-------------|---------------------------|
| Water                     | 7732-18-5  | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A                       |
| Chlorhexidine Digluconate | 18472-51-0 | Estimated Biodegradation                              | 28 days  | BOD        | 0 % weight  | Other methods             |
| ISOPROPANO L              | 67-63-0    | Experimental Biodegradation                           | 14 days  | BOD        | 86 % weight | OECD 301C - MITI test (I) |

### 12.3 : Bioaccumulative potential

| Material                  | CAS Number | Test type   | Duration | Study Type | Test result | Protocol      |
|---------------------------|------------|---|----------|------------|-------------|---------------|
| Chlorhexidine Digluconate | 18472-51-0 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A           |
| Water                     | 7732-18-5  | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A           |
| ISOPROPANO L              | 67-63-0    | Experimental Bioconcentrati                           |          | Log Kow    | 0.05        | Other methods |

Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate

|  |  |    |  |  |  |  |
|--|--|----|--|--|--|--|
|  |  | on |  |  |  |  |
|--|--|----|--|--|--|--|

#### 12.4. Mobility in soil

Please contact manufacturer for more details

#### 12.5 Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility.

### SECTION 14: Transport Information

#### Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: UN3175

**Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. , ( isopropanol )

**Class/Division:** 4.1

**Sub Risk:** Not applicable.

**Packing Group:** II

**Special Instructions:** Australian Dangerous Goods Code: Not subject to this code as per Special Provision 216

**Hazchem Code:** 1Z

**IERG:** 20

#### International Air Transport Association (IATA) - Air Transport

UN No.: UN3175

**Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. , ( isopropanol )

**Class/Division:** 4.1

**Sub Risk:** Not applicable.

**Packing Group:** II

**Special Instructions:** IATA: Not subject to these regulations as per Special Provision A46

#### International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: UN3175

**Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. , ( isopropanol )

**Class/Division:** 4.1

**Sub Risk:** Not applicable.

**Packing Group:** II

**Marine Pollutant:** Not applicable.

**Special Instructions:** IMDG- Not subject to the provisions of this code as per Special Provision 216

### SECTION 15: Regulatory information

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

##### Australian Inventory Status:

This product is regulated by the Therapeutics Goods Administration and is exempt from compliance with the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

**Poison Schedule:** This product is intended for Industrial or Professional Use only and therefore is not packaged and labelled in accordance with the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons.

**Alcohol Skin Antiseptics (0.5% - 2% CHG, 70% Isopropyl Alcohol) \*Please note 3M Australia only supplies this product with 2% Chlorhexidine Digluconate**

## **SECTION 16: Other information**

### **Revision information:**

Update to product identification numbers.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

**3M Australia SDSs are available at [www.3m.com.au](http://www.3m.com.au)**