



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the New Zealand, Hazardous Substances (Safety Data Sheets) Notice 2017.

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Tegaderm™ CHG I.V. Securement Dressing 1657, 1657R, 1658, 1658NS, 1658R, 1659, 1659R, 1660, 1660R

#### Product Identification Numbers

70-2007-6049-7      70-2007-6411-9      70-2007-6412-7      70-2007-6413-5

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

##### Recommended use

Used to cover and protect catheter sites and to secure devices to skin

For Professional use only

#### 1.3. Supplier's details

**Address:** 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland  
**Telephone:** (09) 477 4040  
**E Mail:** innovation@nz.mmm.com  
**Website:** 3m.co.nz

#### 1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

### SECTION 2: Hazard identification

Not classified as hazardous in accordance with the relevant criteria of the HSNO Act 1996, the Hazardous Substances (Classification) Notice 2017 and Hazardous Substances (Minimum Degrees of Hazard) Notice 2017. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

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

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

GHS	HSNO
Not classified as hazardous	Not classified as hazardous

#### 2.2. Label elements

**SIGNAL WORD**

Not applicable.

**Symbols:**

Not applicable.

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

<b>Ingredient</b>	<b>CAS Nbr</b>	<b>% by Weight</b>
Antimicrobial Gel Pad with CHG	None	35 - 45
Polypropylene Liner	None	15 - 30
Silicone Coated Paper Carrier	Trade Secret	10 - 30
Acrylate Polymer Adhesives	Trade Secret	5 - 15
Polyurethane Film Backing	Trade Secret	3 - 10
Label Tape Strip	None	1 - 5

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

**Skin contact**

No need for first aid is anticipated.

**Eye contact**

No need for first aid is anticipated.

**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 ordinary combustible material such as water or foam to extinguish.

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

None inherent in this product.

**Hazardous Decomposition or By-Products****Substance**

Carbon monoxide.

Carbon dioxide.

**Condition**

During combustion.

During combustion.

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

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

**5.4. Hazchem code:** Not applicable.

## **SECTION 6: Accidental release measures**

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

Not applicable.

### **6.2. Environmental precautions**

Not applicable.

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

Not applicable.

## **SECTION 7: Handling and storage**

Refer to Section 15 - Controls for more information

### **7.1. Precautions for safe handling**

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

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

Not applicable.

### **7.3. Certified handler**

Not required

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

#### **Occupational exposure limits**

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

### **8.2. Exposure controls**

#### **8.2.1. Engineering controls**

Not applicable.

#### **8.2.2. Personal protective equipment (PPE)**

##### **Eye/face protection**

Eye protection not required.

##### **Skin/hand protection**

No chemical protective gloves are required.

##### **Respiratory protection**

Respiratory protection is not required.

## **SECTION 9: Physical and chemical properties**

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

Physical state	Solid.
Colour	Colourless-Amber
Odour	Slight Odour
Odour threshold	<i>Not applicable.</i>
pH	<i>Not applicable.</i>
Melting point/Freezing point	<i>No data available.</i>
Boiling point/Initial boiling point/Boiling range	<i>Not applicable.</i>
Flash point	<i>Not applicable.</i>
Evaporation rate	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Flammable Limits(LEL)	<i>Not applicable.</i>
Flammable Limits(UEL)	<i>Not applicable.</i>
Vapour pressure	<i>Not applicable.</i>
Vapor Density and/or Relative Vapor Density	<i>Not applicable.</i>
Density	<i>Not applicable.</i>
Relative density	<i>Not applicable.</i>
Water solubility	Nil
Solubility- non-water	<i>Not applicable.</i>
Partition coefficient: n-octanol/water	<i>Not applicable.</i>
Autoignition temperature	<i>No data available.</i>
Decomposition temperature	<i>Not applicable.</i>
Viscosity/Kinematic Viscosity	<i>Not applicable.</i>
Volatile organic compounds (VOC)	<i>No data available.</i>
Percent volatile	
VOC less H2O & exempt solvents	<i>No data available.</i>

### Nanoparticles

This material contains nanoparticles.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is considered to be non reactive under normal use conditions

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

#### Substance

None known.

#### Condition

Refer to Section 5.2 for hazardous decomposition products during combustion.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

## SECTION 11: Toxicological 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. 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

No health effects are expected.

##### Skin contact

No health effects are expected.

##### Eye contact

No health effects are expected.

##### Ingestion

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

##### Additional information:

This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

#### 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
Antimicrobial Gel Pad with CHG	Dermal		LD50 estimated to be > 5,000 mg/kg
Antimicrobial Gel Pad with CHG	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.2 mg/l
Antimicrobial Gel Pad with CHG	Ingestion	Rat	LD50 100,000 mg/kg
Polypropylene Liner	Dermal	Rabbit	LD50 > 2,000 mg/kg
Polypropylene Liner	Ingestion	Rat	LD50 > 5,000 mg/kg

ATE = acute toxicity estimate

##### Skin Corrosion/Irritation

Name	Species	Value
Antimicrobial Gel Pad with CHG	Rabbit	No significant irritation
Polypropylene Liner	Rabbit	No significant irritation

### Serious Eye Damage/Irritation

Name	Species	Value
Polypropylene Liner	Rabbit	No significant irritation

### Sensitisation:

#### Skin Sensitisation

Name	Species	Value
Antimicrobial Gel Pad with CHG	Human	Not classified

### 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
Overall product	In Vitro	Not mutagenic
Antimicrobial Gel Pad with CHG	In Vitro	Not mutagenic

### Carcinogenicity

Name	Route	Species	Value
Antimicrobial Gel Pad with CHG	Ingestion	Rat	Not carcinogenic

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Overall product	Dermal	Not classified for female reproduction	Rat	NOAEL 78 mg/day	90 days
Overall product	Dermal	Not classified for male reproduction	Rat	NOAEL 78 mg/day	90 days
Antimicrobial Gel Pad with CHG	Ingestion	Not classified for development	Rat	NOAEL 5,000 mg/kg/day	during gestation

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

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

#### Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Overall product	Dermal	skin	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 3.2 mg/cm <sup>2</sup>	90 days
Overall product	Dermal	bone marrow	Not classified	Rat	NOAEL 78 mg/kg	90 days
Overall product	Dermal	liver	Not classified	Rat	NOAEL 78 mg/kg/day	90 days
Overall product	Dermal	heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   blood   hematopoietic system   immune	Not classified	Rat	NOAEL 78 mg/day	90 days

		system   muscles   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system				
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#### Aspiration Hazard

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

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## 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

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Antimicrobial Gel Pad with CHG	None		Data not available or insufficient for classification			
Polypropylene Liner	None		Data not available or insufficient for classification			
Acrylate Polymer Adhesives	Trade Secret		Data not available or insufficient for classification			

### 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Antimicrobial Gel Pad with CHG	None	Data not availbl- insufficient			N/A	
Polypropylene Liner	None	Data not availbl- insufficient			N/A	
Acrylate Polymer Adhesives	Trade Secret	Data not availbl- insufficient			N/A	

### 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Antimicrobial	None	Data not	N/A	N/A	N/A	N/A

**3M™ Tegaderm™ CHG I.V. Securement Dressing 1657, 1657R, 1658, 1658NS, 1658R, 1659, 1659R, 1660, 1660R**

Gel Pad with CHG		available or insufficient for classification				
Polypropylene Liner	None	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Acrylate Polymer Adhesives	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

**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**

In accordance with the Hazardous Substances (Disposal) Notice 2017 and the relevant criteria of the HSNO Act 1996.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

Packaging (that may or may not contain any residual substance) may be lawfully disposed of by householders or other consumers through public or commercial waste collection services.

**SECTION 14: Transport Information****New Zealand Land Transport Rule: Dangerous Goods - Road/Rail Transport**

**UN No.:** Not applicable.

**Proper Shipping Name:** Not applicable.

**Class/Division:** Not applicable.

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

**Hazchem Code:** Not applicable.

**IERG:** Not applicable.

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

**UN No.:** Not applicable.

**Proper Shipping Name:** Not applicable.

**Class/Division:** Not applicable.

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

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

**UN No.:** Not applicable.

**Proper Shipping Name:** Not applicable.



**Class/Division:** Not applicable.  
**Sub Risk:** Not applicable.  
**Packing Group:** Not applicable.  
**Marine Pollutant:** Not applicable.

## **SECTION 15: Regulatory information**

HSNO Approval number Not applicable  
Group standard name Not applicable  
HSNO Hazard classification Refer to Section 2: Hazard identification

### **NZ Inventory of Chemicals (NZIoC) Status**

This product is an article as defined by HSNO regulations, and is exempt from NZIoC listing requirements.

### **Controls in accordance with the Health and Safety at Work (Hazardous Substances) Regulations 2017**

Certified handler	Not required
Location Compliance Certificate	Not required
Hazardous atmosphere zone	Not required
Fire extinguishers	Not required
Emergency response plan	Not required
Secondary containment	Not required
Tracking	Not required
Warning signage	Not required

## **SECTION 16: Other information**

### **Revision information:**

Complete document review.

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### **Key to abbreviations and acronyms**

**GHS** means the Globally Harmonised System of Classification and Labelling of Chemicals, 5th revised edition 2013

**HSNO** means Hazardous Substances and New Organisms Act 1996

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