

# Safety Data Sheet

Copyright, 2022, 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:
 42-2722-9
 Version number:
 2.00

 Issue Date:
 10/04/2022
 Supersedes date:
 13/01/2021

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

TriGene Advance Concentrate

#### **Product Identification Numbers**

AT-0106-4868-4

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

#### Recommended use

Cleaning respirators & Air Supplied/SCBA

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

Skin Corrosion/Irritation: Category 2. Serious Eye Damage/Irritation: Category 1.

Skin Sensitizer: Category 1.

Specific Target Organ Toxicity (repeated exposure): Category 2.

#### 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**

Corrosion | Exclamation mark | Health Hazard |

### **Pictograms**



#### **Hazard statements**

H315 Causes skin irritation.
H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure: respiratory

system.

#### **Precautionary statements**

**Prevention:** 

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280A Wear eye/face protection.

**Response:** 

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor/physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Disposal:

P501 Dispose of contents/container in accordance with applicable

local/regional/national/international regulations.

## 2.3. Other assigned/identified product hazards

- May cause chemical gastrointestinal burns.

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

May be harmful if swallowed.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

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

#### **TriGene Advance Concentrate**

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Water	7732-18-5	60 - 90
Surfactant 1	Trade Secret	3 - 7
Biocide	Trade Secret	1 - 3
Polyhexanide	Trade Secret	1 - 3
Surfactant 2	Trade Secret	1 - 3
Alcohol	Trade Secret	< 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

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

#### Eye contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

#### If swallowed

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

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

No critical symptoms or effects. 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

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

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

None inherent in this product.

## **Hazardous Decomposition or By-Products**

SubstanceConditionCarbon monoxide.During combustion.Carbon dioxide.During combustion.Toxic vapour, gas, particulate.During combustion.

## 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

# **SECTION 6: Accidental release measures**

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

Evacuate area. 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. 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. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

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

Contain spill. 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. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

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

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
Alcohol	Trade	ACGIH	TWA:200 ppm;STEL:400 ppm	A4: Not class. as human
	Secret			carcin
Alcohol	Trade	Australia OELs	TWA(8 hours):983	
	Secret		mg/m3(400 ppm);STEL(15	
			minutes):1230 mg/m3(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

No engineering controls required.

### 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:

Full face shield.

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. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

if this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

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 and particulates

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**

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Liquid.
Colour	Colourless
Odour	Not determined.
Odour threshold	No data available.
pH	4.5 - 6.5
Melting point/Freezing point	No data available.
Boiling point/Initial boiling point/Boiling range	110 °C
Flash point	No flash point
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Flammable Limits(LEL)	No data available.
Flammable Limits(UEL)	No data available.
Vapour pressure	No data available.
Vapor Density and/or Relative Vapor Density	No data available.

Density	1 g/ml
Relative density	1
Water solubility	No data available.
Solubility- non-water	No data available.
Partition coefficient: n-octanol/water	No data available.
Autoignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity/Kinematic Viscosity	No data available.
Volatile organic compounds (VOC)	No data available.
Percent volatile	No data available.
VOC less H2O & exempt solvents	No data available.

# **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.

## 10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

#### 10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

### 10.6 Hazardous decomposition products

**Substance** 

Condition

None known.

# **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

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

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

\_\_\_\_\_\_

#### TriGene Advance Concentrate

Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

#### Eye contact

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

#### Ingestion

May be harmful if swallowed.

Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen.

#### **Additional Health Effects:**

### Prolonged or repeated exposure may cause target organ effects:

Respiratory effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish coloured skin (cyanosis), sputum production, changes in lung function tests, and respiratory failure.

### **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	Dermal		No data available; calculated ATE >5,000
			mg/kg
Overall product	Ingestion		No data available; calculated ATE >2,000 -
_			=5,000 mg/kg
Surfactant 1	Dermal	Rabbit	LD50 > 2,000  mg/kg
Surfactant 1	Ingestion	Rat	LD50 1,378 mg/kg
Biocide	Ingestion	Rat	LD50 84 mg/kg
Polyhexanide	Dermal	Rat	LD50 > 5,000 mg/kg
Polyhexanide	Inhalation-Dust/Mist	Rat	LC50 0.29 mg/l
	(4 hours)		
Polyhexanide	Ingestion	Rat	LD50 501 mg/kg
Alcohol	Dermal	Rabbit	LD50 12,870 mg/kg
Alcohol	Inhalation-Vapour (4	Rat	LC50 72.6 mg/l
	hours)		-
Alcohol	Ingestion	Rat	LD50 4,710 mg/kg
Surfactant 2	Dermal	Rabbit	LD50 645 mg/kg
Surfactant 2	Ingestion	Rat	LD50 366 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Surfactant 1	Rabbit	Irritant
Polyhexanide	Rabbit	Mild irritant
Alcohol	Multiple animal species	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Surfactant 1	Professional judgement	Corrosive
Polyhexanide	Rabbit	Corrosive
Alcohol	Rabbit	Severe irritant

## **Skin Sensitisation**

Name	Species	Value
Surfactant 1	Guinea pig	Not classified
Polyhexanide	Guinea pig	Sensitising
Alcohol	Guinea pig	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
Surfactant 1	In Vitro	Not mutagenic
Alcohol	In Vitro	Not mutagenic
Alcohol	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Polyhexanide	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
Alcohol	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification

# Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Surfactant 1	Dermal	Not classified for	Rat	NOAEL 250	2 generation
		female reproduction		mg/kg/day	
Surfactant 1	Dermal	Not classified for	Rat	NOAEL 250	2 generation
		development		mg/kg/day	
Surfactant 1	Dermal	Not classified for	Rat	NOAEL 100	2 generation
		male reproduction		mg/kg/day	
Alcohol	Ingestion	Not classified for	Rat	NOAEL 400	during
		development		mg/kg/day	organogenesis
Alcohol	Inhalation	Not classified for	Rat	LOAEL 9	during gestation
		development		mg/l	

# Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Surfactant 1	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL Not available	not available
Alcohol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Alcohol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Alcohol	Inhalation	auditory system	Not classified	Guinea pig	NOAEL 13.4	24 hours

					mg/l	
Alcohol	Ingestion	central nervous	May cause	Human	NOAEL Not	poisoning and/or
		system	drowsiness or		available	abuse
		depression	dizziness			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Surfactant 1	Dermal	kidney and/or bladder   hematopoietic system	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks
Polyhexanide	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL .00002 mg/l	28 days
Alcohol	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 12.3 mg/l	24 months
Alcohol	Inhalation	nervous system	Not classified	Rat	NOAEL 12 mg/l	13 weeks
Alcohol	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 400 mg/kg/day	12 weeks

#### **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.

#### **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 1: Very 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
Surfactant 1	Trade Secret	Fathead	Experimental	96 hours	LC50	8.5 mg/l
		minnow				
Surfactant 1	Trade Secret	Green algae	Experimental	72 hours	EC50	45 mg/l
Surfactant 1	Trade Secret	Water flea	Experimental	48 hours	EC50	2.686 mg/l
Surfactant 1	Trade Secret	Fathead	Experimental	30 days	NOEC	0.73 mg/l
		minnow		_		

Surfactant 1	Trade Secret	Green Algae	Experimental	72 hours	NOEC	1.2 mg/l
Biocide	Trade Secret	Green Algae	Experimental	72 hours	ErC50	0.062 mg/l
Biocide	Trade Secret	Water flea	Experimental	48 hours	EC50	0.029 mg/l
Biocide	Trade Secret	Zebra Fish	Experimental	96 hours	LC50	0.49 mg/l
Biocide	Trade Secret	Green Algae	Experimental	72 hours	NOEC	0.013 mg/l
Biocide	Trade Secret	Water flea	Experimental	21 days	NOEC	0.021 mg/l
Biocide	Trade Secret	Activated	Experimental	3 hours	EC10	5.95 mg/l
		sludge	F			
Biocide	Trade Secret	Red Clover	Experimental	14 days	EC50	106 mg/kg (Dry
			1			Weight)
Biocide	Trade Secret	Redworm	Experimental	56 days	NOEC	125 mg/kg (Dry
						Weight)
Biocide	Trade Secret	Soil microbes	Experimental	28 days	EC10	70 mg/kg (Dry Weight)
Polyhexanide	Trade Secret	Green Algae	Experimental	72 hours	EC50	0.015 mg/l
Polyhexanide	Trade Secret	Rainbow trout	Experimental	96 hours	LC50	0.026 mg/l
Polyhexanide	Trade Secret	Green algae	Experimental	72 hours	ErC10	0.008 mg/l
Polyhexanide	Trade Secret	Rainbow trout	Experimental	28 days	NOEC	0.01 mg/l
Polyhexanide	Trade Secret	Water flea	Experimental	21 days	NOEC	0.0084 mg/l
Polyhexanide	Trade Secret	Activated	Experimental	4 hours	EC50	38 mg/l
		sludge				
Surfactant 2	Trade Secret	Activated	Experimental	3 hours	EC50	7.75 mg/l
		sludge				
Surfactant 2	Trade Secret	Diatom	Experimental	96 hours	EC50	0.089 mg/l
Surfactant 2	Trade Secret	Green Algae	Experimental	72 hours	EC50	0.049 mg/l
Surfactant 2	Trade Secret	Mysid Shrimp	Experimental	96 hours	LC50	0.092 mg/l
Surfactant 2	Trade Secret	Rainbow trout	Experimental	96 hours	LC50	0.064 mg/l
Surfactant 2	Trade Secret	Sheepshead	Experimental	96 hours	LC50	0.86 mg/l
		Minnow				
Surfactant 2	Trade Secret	Water flea	Experimental	48 hours	EC50	0.0058 mg/l
Surfactant 2	Trade Secret	Diatom	Experimental	96 hours	NOEC	0.035 mg/l
Surfactant 2	Trade Secret	Fathead	Experimental	28 days	NOEC	0.0322 mg/l
		minnow				
Surfactant 2	Trade Secret	Green algae	Experimental	72 hours	NOEC	0.009 mg/l
Surfactant 2	Trade Secret	Water flea	Experimental	21 days	NOEC	0.00415 mg/l
Alcohol	Trade Secret	Bacteria	Experimental	16 hours	LOEC	1,050 mg/l
Alcohol	Trade Secret	Crustacea	Experimental	24 hours	LC50	>10,000 mg/l
Alcohol	Trade Secret	Green Algae	Experimental	72 hours	EC50	>1,000 mg/l
Alcohol	Trade Secret	Medaka	Experimental	96 hours	LC50	>100 mg/l
Alcohol	Trade Secret	Water flea	Experimental	48 hours	EC50	>1,000 mg/l
Alcohol	Trade Secret	Green algae	Experimental	72 hours	NOEC	1,000 mg/l
Alcohol	Trade Secret	Water flea	Experimental	21 days	NOEC	100 mg/l

# 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Surfactant 1	Trade Secret	Experimental	28 days	BOD	88 % weight	OECD 301F -
		Biodegradation				Manometric
		_				respirometry
Biocide	Trade Secret	Experimental	28 days	Dissolv.	80 %removal	OECD 301B - Modified
		Aquatic		Organic	of DOC	sturm or CO2
		Inherent		Carbon Deplet		
		Biodegrad.				
Biocide	Trade Secret	Experimental	28 days	CO2 evolution	67-71 %CO2	OECD 301B - Modified

		Biodegradation			evolution/THC	sturm or CO2
					O2 evolution	
Biocide	Trade Secret	Experimental	59 days	Dissolv.	>99.95 %remo	OECD 303A -
		Biodegradation		Organic	val of DOC	Simulated Aerobic
				Carbon Deplet		
Biocide	Trade Secret	Experimental	114 days	CO2 evolution	49 %CO2	
		Soil Inherent			evolution/THC	
		Biodegradabilit			O2 evolution	
		y				
Polyhexanide	Trade Secret	Experimental	28 days	CO2 evolution	<3.8 %CO2	OECD 301B - Modified
		Biodegradation			evolution/THC	sturm or CO2
					O2 evolution	
					(does not pass	
					10-day	
					window)	
Polyhexanide	Trade Secret	Experimental	144 days	CO2 evolution	<1 %CO2	OECD 303A -
		Biodegradation			evolution/THC	Simulated Aerobic
					O2 evolution	
Surfactant 2	Trade Secret	Experimental	28 days	CO2 evolution	95.5 % weight	OECD 301B - Modified
		Biodegradation				sturm or CO2
Alcohol	Trade Secret	Experimental	14 days	BOD	86 %	OECD 301C - MITI
		Biodegradation			BOD/ThOD	test (I)

## 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Surfactant 1	Trade Secret	Estimated		Bioaccumulatio	31	Estimated:
		Bioconcentrati		n factor		Bioconcentration factor
		on				
Biocide	Trade Secret	Experimental	60 days	Bioaccumulatio	<=95	OECD305-
		BCF - Carp		n factor		Bioconcentration
Biocide	Trade Secret	Experimental		Log Kow	2.58	OECD 107 log Kow
		Bioconcentrati				shke flsk mtd
		on				
Polyhexanide	Trade Secret	Estimated		Log Kow	-2.3	
		Bioconcentrati				
		on				
Surfactant 2	Trade Secret	Experimental	60 days	Bioaccumulatio	33	OECD305-
		BCF - Bluegill		n factor		Bioconcentration
Alcohol	Trade Secret	Experimental		Log Kow	0.05	Non-standard method
		Bioconcentrati				
		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. Dispose of waste product in a permitted industrial waste facility. Proper destruction may require the use of additional fuel during incineration processes.

# **SECTION 14: Transport Information**

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

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable. Sub Risk: Not applicable. Packing Group: Not applicable.

**Special Instructions:** Australian Dangerous Goods Code: Not subject to this code as per Special Provision AU01

**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.

**Special Instructions:** Not restricted, as per Special Provision A197, environmentally hazardous substance exception.

#### 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.

**Special Instructions:** Not restricted, as per IMDG code 2.10.2.7, marine pollutant exception.

# **SECTION 15: Regulatory information**

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

### **Australian Inventory Status:**

All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC). Conditions may apply prior to introduction for direct importers of this product, Please contact 3M Australia on 136 136 for further details.

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.

# **SECTION 16: Other information**

#### **Revision information:**

Complete document review.

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

TriGene Advance Concentrate	
regulations exemptions for some solvents.	
egulations exemptions for some solvents.	
BM Australia SDSs are available at www.3m.com.au	

Page: 13 of 13