Safety Data Sheet

Document group:	42-7156-5	**Version number:**	2.00
Issue Date:	29/06/2022	**Supersedes date:**	08/09/2021

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
3M™ Concrete Floor Cleaner & Densifier

Product Identification Numbers
70-0012-0653-4

1.2. Recommended use and restrictions on use

Recommended use
Industrial use.

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.

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 |

Pictograms

Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.

Precautionary statements

Prevention:

P264	Wash thoroughly after handling.
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.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

2.3. Other assigned/identified product hazards
None known.

2.4. Other hazards which do not result in classification
Harmful to aquatic life.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Water	7732-18-5	65 - 99
Diethylene Glycol Monoethyl Ether	111-90-0	1 - < 9
Alkyl Alcohol Ethoxylate	Trade Secret	< 6
Branched Alkyl Alcohol Alkoxylate	Trade Secret	< 6
Silicic Acid Metal Salt	Trade Secret	< 5
Aliphatic Amide	Trade Secret	< 4
Na Xylene Sulfonate	1300-72-7	< 3
Silanetriol Metal Salt	Trade Secret	< 2
Siloxane Based Defoamer	Trade Secret	< 0.05

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. If you feel unwell, get medical attention.

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

Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision).

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

Hazardous Decomposition or By-Products

Substance	Condition
Formaldehyde	During combustion.
Carbon monoxide.	During combustion.
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. 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.

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 water. 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
Avoid breathing 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. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities
Store in a well-ventilated place. Keep container tightly closed. Keep cool. Protect from sunlight. Store away from heat. Keep from freezing. Store away from acids. Store away from strong bases. 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
Diethylene Glycol Monoethyl Ether	111-90-0	AIHA	TWA:140 mg/m3(25 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 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:
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

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.
Colour	Colourless
Odour	Mild Odour
Odour threshold	*No data available.*
pH	10.5 - 11.5
Melting point/Freezing point	*Not applicable.*
Boiling point/Initial boiling point/Boiling range	>=93.3 ºC
Flash point	>=93.3 ºC [*Test Method:*Closed Cup]
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	>=1.025 g/ml
Relative density	>=0.98 [*Ref Std:*WATER=1]
Water solubility	Soluble
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)	<=0.05 % [*Test Method:*calculated per CARB]
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.
Sparks and/or flames.

10.4. Possibility of hazardous reactions
Hazardous polymerisation will not occur.

10.5 Incompatible materials
Strong acids.
Strong bases.
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.

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

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
Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

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 >5,000 mg/kg
Diethylene Glycol Monoethyl Ether	Dermal	Rabbit	LD50 9,143 mg/kg
Diethylene Glycol Monoethyl Ether	Ingestion	Rat	LD50 5,400 mg/kg
Alkyl Alcohol Ethoxylate	Dermal	Rabbit	LD50 > 2,000 mg/kg
Alkyl Alcohol Ethoxylate	Ingestion	Rat	LD50 1,378 mg/kg
Silicic Acid Metal Salt	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Silicic Acid Metal Salt	Ingestion	Rat	LD50 > 2,000 mg/kg
Na Xylene Sulfonate	Dermal	Rabbit	LD50 > 2,000 mg/kg
Na Xylene Sulfonate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 6.4 mg/l
Na Xylene Sulfonate	Ingestion	Rat	LD50 7,200 mg/kg
Silanetriol Metal Salt	Ingestion	Rat	LD50 > 2,000 mg/kg
Siloxane Based Defoamer	Dermal	Rabbit	LD50 > 19,400 mg/kg
Siloxane Based Defoamer	Ingestion	Rat	LD50 > 17,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Diethylene Glycol Monoethyl Ether	Rabbit	No significant irritation
Alkyl Alcohol Ethoxylate	Rabbit	Irritant
Silicic Acid Metal Salt	Rabbit	Minimal irritation
Na Xylene Sulfonate	Rabbit	Minimal irritation
Silanetriol Metal Salt	Professional judgement	Corrosive
Siloxane Based Defoamer	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Diethylene Glycol Monoethyl Ether	Rabbit	Moderate irritant
Alkyl Alcohol Ethoxylate	Professional judgement	Corrosive
Silicic Acid Metal Salt	Rabbit	Corrosive
Na Xylene Sulfonate	Rabbit	Moderate irritant
Silanetriol Metal Salt	similar health hazards	Corrosive
Siloxane Based Defoamer	Rabbit	No significant irritation

Skin Sensitisation

Name	Species	Value
Diethylene Glycol Monoethyl Ether	Human	Not classified
Alkyl Alcohol Ethoxylate	Guinea pig	Not classified
Na Xylene Sulfonate	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
Diethylene Glycol Monoethyl Ether	In Vitro	Not mutagenic
Diethylene Glycol Monoethyl Ether	In vivo	Not mutagenic
Alkyl Alcohol Ethoxylate	In Vitro	Not mutagenic
Na Xylene Sulfonate	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Na Xylene Sulfonate	Dermal	Multiple animal species	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Diethylene Glycol Monoethyl Ether	Dermal	Not classified for development	Rat	NOAEL 5,500 mg/kg/day	during organogenesis
Diethylene Glycol Monoethyl Ether	Ingestion	Not classified for development	Mouse	NOAEL 5,500 mg/kg/day	during organogenesis
Diethylene Glycol Monoethyl Ether	Inhalation	Not classified for development	Rat	NOAEL 0.6 mg/l	during organogenesis
Diethylene Glycol Monoethyl Ether	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,200 mg/kg/day	2 generation
Alkyl Alcohol Ethoxylate	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
Alkyl Alcohol Ethoxylate	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
Alkyl Alcohol Ethoxylate	Dermal	Not classified for male reproduction	Rat	NOAEL 100 mg/kg/day	2 generation
Na Xylene Sulfonate	Ingestion	Not classified for development	Rabbit	NOAEL 1,000 mg/kg/day	during gestation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Diethylene Glycol Monoethyl Ether	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Alkyl Alcohol Ethoxylate	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL Not available	not available
Silicic Acid Metal Salt	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar compounds	NOAEL Not available	
Na Xylene Sulfonate	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

Diethylene Glycol Monoethyl Ether	Dermal	kidney and/or bladder	Not classified	Rabbit	NOAEL 1,000 mg/kg/day	12 weeks
Diethylene Glycol Monoethyl Ether	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Pig	NOAEL 167 mg/kg/day	90 days
Diethylene Glycol Monoethyl Ether	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL 2,700 mg/kg/day	90 days
Diethylene Glycol Monoethyl Ether	Ingestion	endocrine system	Not classified	Rat	NOAEL 2,500 mg/kg/day	90 days
Diethylene Glycol Monoethyl Ether	Ingestion	heart | hematopoietic system | nervous system	Not classified	Mouse	NOAEL 8,100 mg/kg/day	90 days
Alkyl Alcohol Ethoxylate	Dermal	kidney and/or bladder | hematopoietic system	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks
Silicic Acid Metal Salt	Ingestion	nervous system | kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	similar compounds	NOAEL Not available	
Na Xylene Sulfonate	Dermal	liver | heart | skin | endocrine system | gastrointestinal tract | bone, teeth, nails, and/or hair | hematopoietic system | immune system | nervous system | kidney and/or bladder | respiratory system	Not classified	Rat	NOAEL 500 mg/kg/day	14 weeks
Na Xylene Sulfonate	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 763 mg/kg/day	90 days

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 3: Harmful to aquatic life.

Chronic aquatic hazard:
Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Diethylene Glycol Monoethyl Ether	111-90-0	Green algae	Estimated	96 hours	EC50	>100 mg/l
Diethylene Glycol Monoethyl Ether	111-90-0	Bacteria	Experimental	16 hours	EC10	4,000 mg/l
Diethylene Glycol Monoethyl Ether	111-90-0	Channel Catfish	Experimental	96 hours	LC50	6,010 mg/l
Diethylene Glycol Monoethyl Ether	111-90-0	Water flea	Experimental	48 hours	LC50	1,982 mg/l
Diethylene Glycol Monoethyl Ether	111-90-0	Green algae	Estimated	96 hours	NOEC	100 mg/l
Alkyl Alcohol Ethoxylate	Trade Secret	Fathead minnow	Experimental	96 hours	LC50	8.5 mg/l
Alkyl Alcohol Ethoxylate	Trade Secret	Green algae	Experimental	72 hours	EC50	45 mg/l
Alkyl Alcohol Ethoxylate	Trade Secret	Water flea	Experimental	48 hours	EC50	2.686 mg/l
Alkyl Alcohol Ethoxylate	Trade Secret	Fathead minnow	Experimental	30 days	NOEC	0.73 mg/l
Alkyl Alcohol Ethoxylate	Trade Secret	Green algae	Experimental	72 hours	NOEC	1.2 mg/l
Branched Alkyl Alcohol Alkoxylate	Trade Secret	Green algae	Experimental	72 hours	EC50	31.9 mg/l
Branched Alkyl Alcohol Alkoxylate	Trade Secret	Water flea	Experimental	48 hours	EC50	33.6 mg/l
Branched Alkyl Alcohol	Trade Secret	Green algae	Experimental	72 hours	NOEC	6.25 mg/l

Alkoxylate						
Silicic Acid Metal Salt	Trade Secret	Green algae	Estimated	72 hours	EC50	>345.4 mg/l
Silicic Acid Metal Salt	Trade Secret	Water flea	Experimental	48 hours	EC50	>220 mg/l
Aliphatic Amide	Trade Secret	Redworm	Analogous Compound	14 days	LC50	1,032.1 mg/kg (Dry Weight)
Aliphatic Amide	Trade Secret	Fathead minnow	Experimental	96 hours	LC50	>7.5 mg/l
Aliphatic Amide	Trade Secret	Green algae	Experimental	96 hours	ErC50	>9 mg/l
Aliphatic Amide	Trade Secret	Water flea	Experimental	48 hours	EC50	2.8 mg/l
Aliphatic Amide	Trade Secret	Fathead minnow	Analogous Compound	35 days	NOEC	0.71 mg/l
Aliphatic Amide	Trade Secret	Soil microbes	Analogous Compound	28 days	EC10	530 mg/kg (Dry Weight)
Aliphatic Amide	Trade Secret	Water flea	Analogous Compound	21 days	NOEC	0.37 mg/l
Aliphatic Amide	Trade Secret	Green algae	Experimental	96 hours	NOEC	1.1 mg/l
Na Xylene Sulfonate	1300-72-7	Fathead minnow	Experimental	96 hours	LC50	>400 mg/l
Na Xylene Sulfonate	1300-72-7	Green algae	Experimental	96 hours	EC50	230 mg/l
Na Xylene Sulfonate	1300-72-7	Water flea	Experimental	48 hours	EC50	>400 mg/l
Na Xylene Sulfonate	1300-72-7	Green algae	Experimental	96 hours	NOEC	31 mg/l
Silanetriol Metal Salt	Trade Secret	Green algae	Estimated	72 hours	EC50	>120 mg/l
Silanetriol Metal Salt	Trade Secret	Water flea	Estimated	48 hours	EC50	>500 mg/l
Silanetriol Metal Salt	Trade Secret	Zebra Fish	Estimated	96 hours	LC50	>500 mg/l
Silanetriol Metal Salt	Trade Secret	Activated sludge	Experimental	3 hours	EC10	>100 mg/l
Silanetriol Metal Salt	Trade Secret	Green algae	Estimated	72 hours	NOEC	>=120 mg/l
Silanetriol Metal Salt	Trade Secret	Water flea	Estimated	21 days	NOEC	>=100 mg/l
Siloxane Based Defoamer	Trade Secret		Data not available or insufficient for classification			N/A

12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Diethylene Glycol Monoethyl Ether	111-90-0	Experimental Biodegradation	16 days	CO2 evolution	100 % weight	OECD 301B - Modified sturm or CO2
Alkyl Alcohol	Trade Secret	Experimental	28 days	BOD	88 % weight	OECD 301F -

Ethoxylate		Biodegradation				Manometric respirometry
Branched Alkyl Alcohol Alkoxylate	Trade Secret	Experimental Biodegradation	28 days	BOD	>60 %BOD/Th BOD	OECD 301F - Manometric respirometry
Silicic Acid Metal Salt	Trade Secret	Data not available-insufficient	N/A	N/A	N/A	N/A
Aliphatic Amide	Trade Secret	Analogous Compound Hydrolysis		Hydrolytic half-life (pH 7)	462 days (t 1/2)	EPA N 161-1 Hydrolysis
Aliphatic Amide	Trade Secret	Experimental Biodegradation	28 days	CO2 evolution	63.93 %CO2 evolution/THC O2 evolution	OECD 301B - Modified sturm or CO2
Na Xylene Sulfonate	1300-72-7	Experimental Biodegradation	28 days	CO2 evolution	84 % weight	OECD 301B - Modified sturm or CO2
Silanetriol Metal Salt	Trade Secret	Data not available-insufficient	N/A	N/A	N/A	N/A
Siloxane Based Defoamer	Trade Secret	Data not available-insufficient	N/A	N/A	N/A	N/A

12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Diethylene Glycol Monoethyl Ether	111-90-0	Experimental Bioconcentration		Log Kow	-0.54	Non-standard method
Alkyl Alcohol Ethoxylate	Trade Secret	Estimated Bioconcentration		Bioaccumulation factor	31	Estimated: Bioconcentration factor
Branched Alkyl Alcohol Alkoxylate	Trade Secret	Estimated Bioconcentration		Bioaccumulation factor	3.5	Estimated: Bioconcentration factor
Silicic Acid Metal Salt	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Aliphatic Amide	Trade Secret	Experimental Bioconcentration		Log Kow	3.17	OECD 117 log Kow HPLC method
Na Xylene Sulfonate	1300-72-7	Estimated BCF - Carp	42 days	Bioaccumulation factor	=<2.3	OECD 305E - Bioaccumulation flow-through fish test
Silanetriol Metal Salt	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxane Based Defoamer	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
Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration 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.

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

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:
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