

Safety Data Sheet

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Document group:	40-6552-0	Version number:	2.00
Issue Date:	15/05/2022	Supersedes date:	20/09/2020

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

3MTM Perfect-ItTM 1-Step Finishing Material, 33037, 33038, 33039, 33040, 33041, 33043

Product Identification Numbers 60-4551-0947-4

1.2. Recommended use and restrictions on use

Recommended use

Automotive

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 Sensitizer: Category 1A.

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 Warning

Symbols Exclamation mark |

Pictograms



Hazard statements H317

Precautionary statements General: P102

Prevention: P272 P280E

Response:

P302 + P352 P333 + P313 P362 + P364

Disposal:

P501

May cause an allergic skin reaction.

Keep out of reach of children.

Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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

2.3. Other assigned/identified product hazards

Aspiration classification does not apply due to the viscosity of the product.

2.4. Other hazards which do not result in classification

Causes mild skin irritation. Harmful to aquatic life.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Water	7732-18-5	40 - 70
Hydrotreated Light Petroleum Distillates	64742-47-8	10 - 30
Aluminium oxide	1344-28-1	10 - 20
White Mineral Oil (Petroleum)	8042-47-5	1 - 5
Fatty Organic Compound	Trade Secret	<= 1
2-Methyl-4-isothiazoline-3-one	2682-20-4	< 0.01

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

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, 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

Allergic skin reaction (redness, swelling, blistering, and itching).

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

SubstanceConditionCarbon monoxide.During combustion.Carbon dioxide.During combustion.Oxides of nitrogen.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.

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

Keep out of reach of children. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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
Aluminium oxide	1344-28-1	Australia OELs	TWA(Inspirable dust)(8	
			hours):10 mg/m3	
Aluminum, insoluble compounds	1344-28-1	ACGIH	TWA(respirable fraction):1	A4: Not class. as human
			mg/m3	carcin
Kerosine (petroleum)	64742-47-8	ACGIH	TWA(as total hydrocarbon	A3: Confirmed animal
			vapour, non-aerosol):200	carcin., SKIN
			mg/m3	
MINERAL OILS, HIGHLY-	8042-47-5	ACGIH	TWA(inhalable fraction):5	A4: Not class. as human
REFINED OILS			mg/m3	carcin
Paraffin oil	8042-47-5	Australia OELs	TWA(as mist)(8 hours):5	
			mg/m3	

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: Safety glasses with side shields.

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 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	Purple
Odour	Slight Hydrocarbon, Solvent
Odour threshold	No data available.
рН	7.5 - 9
Melting point/Freezing point	No data available.
Boiling point/Initial boiling point/Boiling range	No data available.
Flash point	Flash point > 93 °C (200 °F)
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	1.05 - 1.1 g/ml
Relative density	1.05 - 1.1 [<i>Ref Std</i> :WATER=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	30,000 - 35,000 mPa-s	
Volatile organic compounds (VOC)	173 g/l [Test Method:calculated SCAQMD rule 443.1]	
Volatile organic compounds (VOC)	16 % weight [Test Method: calculated per CARB title 2]	
Percent volatile	79.7 % weight	
VOC less H2O & exempt solvents	540 g/l [Test Method:calculated SCAQMD rule 443.1]	
Molecular weight	No data available.	

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. Conditions to avoid

None known.

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance

None known.

Condition

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

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

Skin contact

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

Eye contact

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

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	Inhalation-Vapour(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Hydrotreated Light Petroleum Distillates	Inhalation-Vapour	Professional judgement	LC50 estimated to be 20 - 50 mg/l
Hydrotreated Light Petroleum Distillates	Dermal	Rabbit	LD50 > 5,000 mg/kg
Hydrotreated Light Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Aluminium oxide	Dermal		LD50 estimated to be $> 5,000 \text{ mg/kg}$
Aluminium oxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.3 mg/l
Aluminium oxide	Ingestion	Rat	LD50 > 5,000 mg/kg
White Mineral Oil (Petroleum)	Dermal	Rabbit	LD50 > 2,000 mg/kg
White Mineral Oil (Petroleum)	Ingestion	Rat	LD50 > 5,000 mg/kg
Fatty Organic Compound	Ingestion	Rat	LD50 > 2,000 mg/kg
Fatty Organic Compound	Dermal	similar compounds	LD50 > 5,000 mg/kg
Fatty Organic Compound	Inhalation-Dust/Mist (4 hours)	similar compounds	LC50 > 17.5 mg/l
2-Methyl-4-isothiazoline-3-one	Dermal	Rabbit	LD50 87 mg/kg
2-Methyl-4-isothiazoline-3-one	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.33 mg/l
2-Methyl-4-isothiazoline-3-one	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Hydrotreated Light Petroleum Distillates	Rabbit	Mild irritant
Aluminium oxide	Rabbit	No significant irritation
White Mineral Oil (Petroleum)	Rabbit	No significant irritation
Fatty Organic Compound	Human	No significant irritation
2-Methyl-4-isothiazoline-3-one	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
Hydrotreated Light Petroleum Distillates	Rabbit	Mild irritant
Aluminium oxide	Rabbit	No significant irritation
White Mineral Oil (Petroleum)	Rabbit	Mild irritant
Fatty Organic Compound	Rabbit	Severe irritant
2-Methyl-4-isothiazoline-3-one	Rabbit	Corrosive

Skin Sensitisation

Name	Species	Value
Hydrotreated Light Petroleum Distillates	Guinea pig	Not classified

White Mineral Oil (Petroleum)	Guinea pig	Not classified
Fatty Organic Compound	Guinea pig	Not classified
2-Methyl-4-isothiazoline-3-one	Human and animal	Sensitising

Photosensitisation

Name	Species	Value
2-Methyl-4-isothiazoline-3-one	Human and animal	Not sensitizing

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
Hydrotreated Light Petroleum Distillates	In Vitro	Not mutagenic
Hydrotreated Light Petroleum Distillates	In vivo	Not mutagenic
Aluminium oxide	In Vitro	Not mutagenic
White Mineral Oil (Petroleum)	In Vitro	Not mutagenic
Fatty Organic Compound	In Vitro	Not mutagenic
Fatty Organic Compound	In vivo	Not mutagenic
2-Methyl-4-isothiazoline-3-one	In vivo	Not mutagenic
2-Methyl-4-isothiazoline-3-one	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Hydrotreated Light Petroleum	Not specified.	Not available	Not carcinogenic
Distillates			
Aluminium oxide	Inhalation	Rat	Not carcinogenic
White Mineral Oil (Petroleum)	Dermal	Mouse	Not carcinogenic
White Mineral Oil (Petroleum)	Inhalation	Multiple animal	Not carcinogenic
		species	_
2-Methyl-4-isothiazoline-3-one	Dermal	Mouse	Not carcinogenic
2-Methyl-4-isothiazoline-3-one	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Hydrotreated Light	Not specified.	Not classified for	Rat	NOAEL Not	1 generation
Petroleum Distillates		female reproduction		available	
Hydrotreated Light	Not specified.	Not classified for	Rat	NOAEL Not	1 generation
Petroleum Distillates		male reproduction		available	
Hydrotreated Light	Not specified.	Not classified for	Rat	NOAEL Not	1 generation
Petroleum Distillates		development		available	
White Mineral Oil	Ingestion	Not classified for	Rat	NOAEL	13 weeks
(Petroleum)		female reproduction		4,350	
				mg/kg/day	
White Mineral Oil	Ingestion	Not classified for	Rat	NOAEL	13 weeks
(Petroleum)		male reproduction		4,350	
				mg/kg/day	
White Mineral Oil	Ingestion	Not classified for	Rat	NOAEL	during gestation
(Petroleum)		development		4,350	
				mg/kg/day	
Fatty Organic	Ingestion	Not classified for	Rat	NOAEL	premating into
Compound		female reproduction		2,000	lactation
				mg/kg/day	

Fatty Organic	Ingestion	Not classified for	Rat	NOAEL	41 days
Compound		male reproduction		2,000	
				mg/kg/day	
Fatty Organic	Ingestion	Not classified for	Rat	NOAEL	premating into
Compound		development		2,000	lactation
				mg/kg/day	
2-Methyl-4-	Ingestion	Not classified for	Rat	NOAEL 10	2 generation
isothiazoline-3-one	-	female reproduction		mg/kg/day	
2-Methyl-4-	Ingestion	Not classified for	Rat	NOAEL 10	2 generation
isothiazoline-3-one	-	male reproduction		mg/kg/day	
2-Methyl-4-	Ingestion	Not classified for	Rat	NOAEL 15	during
isothiazoline-3-one		development		mg/kg/day	organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Fatty Organic Compound	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
2-Methyl-4- isothiazoline- 3-one	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
Aluminium oxide	Inhalation	pneumoconiosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure
Aluminium oxide	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	occupational exposure
White Mineral Oil (Petroleum)	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,381 mg/kg/day	90 days
White Mineral Oil (Petroleum)	Ingestion	liver immune system	Not classified	Rat	NOAEL 1,336 mg/kg/day	90 days

Aspiration Hazard

Name	Value
Hydrotreated Light Petroleum Distillates	Aspiration hazard
White Mineral Oil (Petroleum)	Aspiration hazard

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	Туре	Exposure	Test endpoint	Test result
Hydrotreated 6	54742-47-8	Green algae	Experimental	72 hours	EL50	>1,000 mg/l
Light						
Petroleum						
Distillates						
5	54742-47-8	Rainbow trout	Experimental	96 hours	LL50	>1,000 mg/l
Light						
Petroleum						
Distillates						
J	54742-47-8	Water flea	Experimental	48 hours	EL50	>1,000 mg/l
Light						
Petroleum						
Distillates						
5	64742-47-8	Green algae	Experimental	72 hours	NOEL	1,000 mg/l
Light						
Petroleum						
Distillates				0.61	1.050	100 //
	1344-28-1		Experimental	96 hours	LC50	>100 mg/l
oxide						
	1344-28-1	Green algae	Experimental	72 hours	EC50	>100 mg/l
oxide	1244 20 1			40.1	1.050	. 100 /1
	1344-28-1	Water flea	Experimental	48 hours	LC50	>100 mg/l
oxide	1244 20 1			72.1	NOFO	> 100 /1
	1344-28-1	Green algae	Experimental	72 hours	NOEC	>100 mg/l
oxide	2042 47 5	N7 4 Cl		40.1	EL 50	> 100 /1
White Mineral (Oil (Petroleum)	8042-47-5	Water flea	Estimated	48 hours	EL50	>100 mg/l
	8042-47-5	Dluggill	E-m anim antal	96 hours	LL50	>100 mg/l
	8042-47-5	Bluegill	Experimental	96 nours	LL50	>100 mg/1
Oil (Petroleum) White Mineral	8042-47-5	Green algae	Estimated	72 hours	NOEL	100 mg/l
Oil (Petroleum)	5042-47-5	Green algae	Estimated	72 Hours	NUEL	100 mg/1
	8042-47-5	Water flea	Estimated	21 days	NOEL	>100 mg/l
Oil (Petroleum)	5042-47-5	water nea	Estimated	21 uays	NUEL	~ 100 llig/1
	Trade Secret	Ciliated	Experimental	48 hours	IC50	1.58 mg/l
Compound	ridue Secret	protozoa		+0 110015	10.50	1.50 mg/1
	Trade Secret	Fathead	Experimental	96 hours	LC50	1.01 mg/l
Compound		minnow		Jonouis		1.01 mg/1
	Trade Secret	Green algae	Experimental	72 hours	EC50	0.66 mg/l
rany Organic	Trade Secret	Joreen algae	Experimental	12 HOUIS		10.00 IIIg/1

Compound						
Fatty Organic Compound	Trade Secret	Water flea	Experimental	48 hours	EC50	0.765 mg/l
Fatty Organic Compound	Trade Secret	Green algae	Experimental	72 hours	NOEC	0.085 mg/l
Fatty Organic Compound	Trade Secret	Water flea	Experimental	21 days	NOEC	0.014 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Activated sludge	Experimental	3 hours	EC50	41 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Green algae	Experimental	96 hours	EC50	0.23 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Mysid Shrimp	Experimental	96 hours	LC50	1.81 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Rainbow trout	Experimental	96 hours	LC50	4.77 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Water flea	Experimental	48 hours	EC50	0.934 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Fathead minnow	Experimental	33 days	NOEC	2.1 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Green algae	Experimental	96 hours	NOEC	0.12 mg/l
2-Methyl-4- isothiazoline-3- one	2682-20-4	Water flea	Experimental	21 days	NOEC	0.044 mg/l

12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Hydrotreated	64742-47-8	Estimated	28 days	BOD	69 %BOD/ThB	OECD 301F -
Light		Biodegradation	-		OD	Manometric
Petroleum		-				respirometry
Distillates						
Aluminium	1344-28-1	Data not	N/A	N/A	N/A	N/A
oxide		available-				
		insufficient				
White Mineral	8042-47-5	Experimental	28 days	CO2 evolution	0 % weight	OECD 301B - Modified
Oil (Petroleum)		Biodegradation				sturm or CO2
Fatty Organic	Trade Secret	Experimental	28 days	BOD	100 % weight	Non-standard method
Compound		Biodegradation				
2-Methyl-4-	2682-20-4	Experimental	29 days	CO2 evolution	50 %CO2	OECD 301B - Modified
isothiazoline-3-		Biodegradation			evolution/THC	sturm or CO2
one					O2 evolution	

12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Hydrotreated	64742-47-8	Data not	N/A	N/A	N/A	N/A

Light Petroleum Distillates		available or insufficient for classification				
Aluminium oxide	1344-28-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
White Mineral Oil (Petroleum)	8042-47-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Fatty Organic Compound	Trade Secret	Estimated Bioconcentrati		Bioaccumulatio n factor	117	Estimated: Bioconcentration factor
Compound		on		in factor		Bioconcentration factor
2-Methyl-4- isothiazoline-3- one	2682-20-4	Experimental Bioconcentrati on		Log Kow	-0.486	Non-standard method

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.

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.

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:

Complete document review.

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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