Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the South African National Standard SANS 10234:2008.

SECTION 1: Identification

1.1. Product identifier
3M™ Finesse-It™ Polish - Extra Fine, [110]

Product Identification Numbers
60-4402-4028-5

1.2. Recommended use and restrictions on use

Recommended use
Abrasive Product, Polish. For industrial/occupational use only. Not for consumer sale or use.

1.3. Supplier's details

Address:	3M South Africa (Pty) Ltd, Private Bag X926, Rivonia 2128
Telephone:	011 806 2000
E Mail:	Not available.
Website:	www.3m.co.za

1.4. Emergency telephone number
011 806 2000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
Skin Corrosion/Irritation: Category 3.
Acute Aquatic Toxicity: Category 3.

2.2. Label elements

Signal word
Warning

Symbols
Not applicable

Pictograms
Not applicable

HAZARD STATEMENTS:

H316	Causes mild skin irritation.
H402	Harmful to aquatic life.

2.3. Other hazards
Aspiration hazard classification does not apply due to the kinematic viscosity of the product.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Wt
Water	7732-18-5	60 - 80
Aluminium oxide	1344-28-1	5 - 10
Distillates (Petroleum), Acid Treated, Light	64742-14-9	5 - 10
Hydrotreated Heavy Naphtha (Petroleum)	64742-48-9	5 - 10
Hydrotreated Light Petroleum Distillates	64742-47-8	5 - 10
Mineral Oil	8042-47-5	1 - 2
Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega -hydroxy-	34398-01-1	0.1 - 0.5

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
Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact
If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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
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
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	Condition

Hydrocarbons.	During combustion.
Carbon 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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

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 detergent and 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 eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities
Keep from freezing.

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 metal and insoluble compounds, as Al	1344-28-1	South Africa RELs	TWA(as Al, respirable fraction)(8 hours):2 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines
South Africa CLs : South Africa. Control Limits. Regulations for Hazardous Chemical Substances, Table 1
South Africa RELs : South Africa. Recommended Exposure Limits (RELs) Regulations for Hazardous Chemical Substances, Table 2
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

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
None required.

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

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Emulsion
Colour	White
Odor	Slight Solvent
Odour threshold	*No data available.*
pH	*Not applicable.*
Melting point/Freezing point	*Not applicable.*
Boiling point/Initial boiling point/Boiling range	100 ºC
Flash point	Flash point > 93 °C (200 °F)
Evaporation rate	*No data available.*
Flammability	Not applicable.

Flammable Limits(LEL)	*No data available.*
Flammable Limits(UEL)	*No data available.*
Vapour pressure	18 mm Hg [@ 20 ºC]
Relative Vapor Density	*No data available.*
Density	0,96 - 0,99 g/ml
Relative density	0,96 - 0,99 [*Ref Std:*WATER=1]
Water solubility	Moderate
Solubility- non-water	*No data available.*
Partition coefficient: n-octanol/water	*No data available.*
Autoignition temperature	*No data available.*
Decomposition temperature	*No data available.*
Kinematic Viscosity	16 410 mm²/sec
Volatile organic compounds (VOC)	20,8 % weight [*Details:*Calculated]
Percent volatile	70,7 % weight [*Details:*Calculated including water]
VOC less H2O & exempt solvents	395 g/l [*Details:*Calculated]
Molecular weight	*No data available.*

Particle Characteristics	*Not applicable.*

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	**Condition**
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

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

Eye contact
Contact with the eyes during product use is not expected to result in significant irritation.

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	Ingestion		No data available; calculated ATE >5 000 mg/kg
Hydrotreated Heavy Naphtha (Petroleum)	Ingestion	Rat	LD50 > 5 000 mg/kg
Hydrotreated Heavy Naphtha (Petroleum)	Dermal	similar compounds	LD50 > 5 000 mg/kg
Distillates (Petroleum), Acid Treated, Light	Ingestion	Rat	LD50 > 15 000 mg/kg
Hydrotreated Light Petroleum Distillates	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5,4 mg/l
Distillates (Petroleum), Acid Treated, Light	Dermal	similar compounds	LD50 > 5 000 mg/kg
Hydrotreated Light Petroleum Distillates	Dermal	similar compounds	LD50 > 5 000 mg/kg
Hydrotreated Light Petroleum Distillates	Ingestion	similar compounds	LD50 > 5 000 mg/kg
Aluminium oxide	Dermal		LD50 estimated to be > 5 000 mg/kg
Aluminium oxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2,3 mg/l
Aluminium oxide	Ingestion	Rat	LD50 > 5 000 mg/kg
Mineral Oil	Dermal	Rabbit	LD50 > 2 000 mg/kg
Mineral Oil	Ingestion	Rat	LD50 > 5 000 mg/kg
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	Dermal	Rabbit	LD50 > 2 000 mg/kg
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	Ingestion	Rat	LD50 > 700 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Hydrotreated Heavy Naphtha (Petroleum)	similar compounds	Mild irritant
Distillates (Petroleum), Acid Treated, Light	similar compounds	Mild irritant
Hydrotreated Light Petroleum Distillates	similar	Mild irritant

	compounds	
Aluminium oxide	Rabbit	No significant irritation
Mineral Oil	Rabbit	No significant irritation
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	similar health hazards	Irritant

Serious Eye Damage/Irritation

Name	Species	Value
Hydrotreated Heavy Naphtha (Petroleum)	similar compounds	No significant irritation
Distillates (Petroleum), Acid Treated, Light	similar compounds	No significant irritation
Hydrotreated Light Petroleum Distillates	similar compounds	No significant irritation
Aluminium oxide	Rabbit	No significant irritation
Mineral Oil	Rabbit	Mild irritant
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	Professional judgement	Corrosive

Sensitization:

Skin Sensitisation

Name	Species	Value
Hydrotreated Heavy Naphtha (Petroleum)	similar compounds	Not classified
Distillates (Petroleum), Acid Treated, Light	similar compounds	Not classified
Hydrotreated Light Petroleum Distillates	similar compounds	Not classified
Mineral Oil	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
Hydrotreated Heavy Naphtha (Petroleum)	In Vitro	Not mutagenic
Distillates (Petroleum), Acid Treated, Light	In Vitro	Not mutagenic
Hydrotreated Light Petroleum Distillates	In Vitro	Not mutagenic
Aluminium oxide	In Vitro	Not mutagenic
Mineral Oil	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Aluminium oxide	Inhalation	Rat	Not carcinogenic
Mineral Oil	Dermal	Mouse	Not carcinogenic
Mineral Oil	Inhalation	Multiple animal species	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Mineral Oil	Ingestion	Not classified for female reproduction	Rat	NOAEL 4 350 mg/kg/day	13 weeks
Mineral Oil	Ingestion	Not classified for male reproduction	Rat	NOAEL 4 350 mg/kg/day	13 weeks
Mineral Oil	Ingestion	Not classified for development	Rat	NOAEL 4 350 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
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	central nervous system depression	May cause drowsiness or dizziness	similar compounds	NOAEL Not available	
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Distillates (Petroleum), Acid Treated, Light	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	liver	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	endocrine system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	gastrointestinal tract	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	bone, teeth, nails, and/or hair	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	muscles	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	nervous system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	respiratory system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Hydrotreated Heavy Naphtha (Petroleum)	Inhalation	vascular system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Distillates (Petroleum), Acid Treated, Light	Inhalation	liver	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Distillates (Petroleum), Acid Treated, Light	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1,5 mg/l	13 weeks
Distillates (Petroleum), Acid Treated, Light	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
Distillates (Petroleum), Acid Treated, Light	Ingestion	liver	Not classified	Rat	NOAEL 1 000	13 weeks

					mg/kg/day	
Distillates (Petroleum), Acid Treated, Light	Ingestion	kidney and/or bladder	Not classified	Rat	LOAEL 100 mg/kg/day	13 weeks
Distillates (Petroleum), Acid Treated, Light	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1 000 mg/kg/day	13 weeks
Distillates (Petroleum), Acid Treated, Light	Ingestion	eyes	Not classified	Rat	NOAEL 1 000 mg/kg/day	13 weeks
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
Mineral Oil	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1 381 mg/kg/day	90 days
Mineral Oil	Ingestion	liver	Not classified	Rat	NOAEL 1 336 mg/kg/day	90 days
Mineral Oil	Ingestion	immune system	Not classified	Rat	NOAEL 1 336 mg/kg/day	90 days

Aspiration Hazard

Name	Value
Hydrotreated Heavy Naphtha (Petroleum)	Aspiration hazard
Distillates (Petroleum), Acid Treated, Light	Aspiration hazard
Hydrotreated Light Petroleum Distillates	Aspiration hazard
Mineral Oil	Aspiration hazard

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

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 Nbr	Organism	Type	Exposure	Test endpoint	Test result
Aluminium oxide	1344-28-1	Fish	Experimental	96 hours	LC50	>100 mg/l
Aluminium oxide	1344-28-1	Green algae	Experimental	72 hours	EC50	>100 mg/l
Aluminium oxide	1344-28-1	Water flea	Experimental	48 hours	LC50	>100 mg/l
Aluminium oxide	1344-28-1	Green algae	Experimental	72 hours	NOEC	>100 mg/l
Distillates (Petroleum), Acid Treated, Light	64742-14-9	Green algae	Estimated	72 hours	EL50	>1 000 mg/l
Distillates	64742-14-9	Rainbow trout	Estimated	96 hours	LL50	>1 000 mg/l

(Petroleum), Acid Treated, Light						
Distillates (Petroleum), Acid Treated, Light	64742-14-9	Water flea	Estimated	48 hours	EL50	>1 000 mg/l
Distillates (Petroleum), Acid Treated, Light	64742-14-9	Green algae	Estimated	72 hours	NOEL	>1 000 mg/l
Hydrotreated Heavy Naphtha (Petroleum)	64742-48-9	Green algae	Experimental	72 hours	EL50	>1 000 mg/l
Hydrotreated Heavy Naphtha (Petroleum)	64742-48-9	Rainbow trout	Experimental	96 hours	LL50	>1 000 mg/l
Hydrotreated Heavy Naphtha (Petroleum)	64742-48-9	Water flea	Experimental	48 hours	EL50	>1 000 mg/l
Hydrotreated Heavy Naphtha (Petroleum)	64742-48-9	Green algae	Experimental	72 hours	NOEL	100 mg/l
Hydrotreated Light Petroleum Distillates	64742-47-8	Green algae	Analogous Compound	72 hours	EL50	>1 000 mg/l
Hydrotreated Light Petroleum Distillates	64742-47-8	Water flea	Analogous Compound	48 hours	EL50	>1 000 mg/l
Hydrotreated Light Petroleum Distillates	64742-47-8	Rainbow trout	Experimental	96 hours	LL50	>788 000 mg/l
Hydrotreated Light Petroleum Distillates	64742-47-8	Scud	Experimental	96 hours	LL50	>10 000 mg/l
Hydrotreated Light Petroleum Distillates	64742-47-8	Green algae	Analogous Compound	72 hours	NOEL	1 000 mg/l
Hydrotreated Light Petroleum Distillates	64742-47-8	Water flea	Analogous Compound	21 days	NOEL	>1 mg/l
Mineral Oil	8042-47-5	Water flea	Analogous Compound	48 hours	EL50	>100 mg/l
Mineral Oil	8042-47-5	Bluegill	Experimental	96 hours	LL50	>100 mg/l
Mineral Oil	8042-47-5	Green algae	Analogous Compound	72 hours	NOEL	100 mg/l
Mineral Oil	8042-47-5	Water flea	Analogous Compound	21 days	NOEL	>100 mg/l
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	34398-01-1	Green algae	Analogous Compound	72 hours	ErC50	0,43 mg/l
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	34398-01-1	Green algae	Analogous Compound	72 hours	NOEC	0,09 mg/l

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Aluminium oxide	1344-28-1	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Distillates (Petroleum), Acid Treated, Light	64742-14-9	Estimated Biodegradation	28 days	BOD	69 %BOD/ThOD	OECD 301F - Manometric respirometry
Hydrotreated	64742-48-9	Experimental	28 days	BOD	80% %BOD/ThOD	OECD 301F - Manometric

Heavy Naphtha (Petroleum)		Biodegradation				respirometry
Hydrotreated Light Petroleum Distillates	64742-47-8	Experimental Biodegradation	28 days	BOD	22 %BOD/ThOD	OECD 301F - Manometric respirometry
Mineral Oil	8042-47-5	Experimental Biodegradation	28 days	CO2 evolution	0 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	34398-01-1	Modeled Biodegradation	28 days	CO2 evolution	95 %CO2 evolution/THCO2 evolution	Catalogic™

12.3 : Bioaccumulative potential

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Aluminium oxide	1344-28-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Distillates (Petroleum), Acid Treated, Light	64742-14-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrotreated Heavy Naphtha (Petroleum)	64742-48-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrotreated Light Petroleum Distillates	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Mineral Oil	8042-47-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), alpha-undecyl- omega -hydroxy-	34398-01-1	Modeled Bioconcentration		Bioaccumulation factor	50	Catalogic™

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
Product must only be disposed of by an authorized/permitted waste disposal contractor or incinerated in an industrial or commercial facility in the presence of a combustible material.

SECTION 14: Transport Information

Compliance is required to South African Transport Information Road Traffic Act & Regulations and Railroad regulations, IATA Standards for airfreight and Maritime standards for ocean freight.

SECTION 15: Regulatory information

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

Global inventory status
Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The

components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

SECTION 16: Other information

Revision information:
Section 2: Hazard - Other information was modified.
Section 8: Occupational exposure limit table information was modified.
Section 9: Vapour pressure value information was modified.
Section 11: Target Organs - Repeated Table information was modified.

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 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.

3M South Africa SDSs are available at www.3m.co.za