Safety Data Sheet

Document Group:	18-4539-5	**Version Number:**	2.00
Issue Date:	14/11/2018	**Supercedes Date:**	16/04/2014

This Safety Data Sheet has been prepared in accordance with the Malaysia Occupational Safety and Health (Chemical Classification, Labelling and Safety Data Sheets) Regulations 2013.

SECTION 1: Identification

1.1. Product identifier
3M™ All Purpose Cleaner and Degreaser 38050, 38051, 38052, 38350, 38351

Product Identification Numbers
60-9801-0849-6 60-9801-0850-4 60-9801-0896-7

1.2. Recommended use and restrictions on use

Recommended use
Automotive, Automotive Surface Cleaner and Degreaser

For Industrial or Professional use only

1.3. Supplier's details
ADDRESS: 3M Malaysia Sdn. Bhd., Level 8, Block F, Oasis Square, No.2, Jalan PJU 1A/7A, Ara Damansara 47301 Petaling, Jaya, Selangor
Telephone: 03-7884 2888
E Mail: 3mmyehsr@mmm.com
Website: www.3M.com.my

1.4. Emergency telephone number
+60 03-7884 2888

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
Serious Eye Damage/Irritation: Category 2.

2.2. Label elements
Signal word
Warning

Symbols
Exclamation mark |

Pictograms

Hazard Statements

H319	Causes serious eye irritation.

Precautionary statements

General:

P102	Keep out of reach of children.

Response:

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt
Water	7732-18-5	60 - 100
Sodium Tripolyphosphate	7758-29-4	5 - 10
2-Propenic Acid, Methyl Ester, Reaction Products with 2-Ethyl-1-Hexanamine and Sodium Hydroxide	68610-44-6	1 - 5
Ethoxylated Tetramethyldecynediol	9014-85-1	1 - 5
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	34398-01-1	1 - 5
Monosodium Salt	14960-06-6	< 2
Methyl Alcohol	67-56-1	0.1 - 1

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:

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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

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

Substance	Condition
Carbon monoxide	During Combustion
Carbon dioxide	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 dikes 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
Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/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. Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities
Keep container tightly closed.

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	C.A.S. No.	Agency	Limit type	Additional Comments
Methyl Alcohol	67-56-1	ACGIH	TWA:200 ppm;STEL:250 ppm	SKIN
Methyl Alcohol	67-56-1	Malaysia OELs	TWA(8 hours):262 mg/m3(200 ppm)	SKIN

ACGIH : American Conference of Governmental Industrial Hygienists
CMRG : Chemical Manufacturer's Recommended Guidelines
Malaysia OELs : Malaysia. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations
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/vapors/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:
Indirect Vented Goggles

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

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 vapors 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
Appearance/Odor	Yellow-brown
Odor threshold	*No Data Available*
pH	10.5
Melting point/Freezing point	*Not Applicable*
Boiling point/Initial boiling point/Boiling range	>= 35 ºC
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*
Vapor Pressure	*No Data Available*
Vapor Density	*No Data Available*
Density	1.066 g/ml
Relative Density	1.066 [*Ref Std:*WATER=1]
Water solubility	Complete
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	*No Data Available*
Molecular weight	*No Data Available*
Volatile Organic Compounds	0.5 % weight [*Test Method:*calculated per CARB title 2]
Volatile Organic Compounds	5 g/l [*Test Method:*calculated SCAQMD rule 443.1]
VOC Less H2O & Exempt Solvents	36 g/l [*Test Method:*calculated SCAQMD rule 443.1]

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 polymerization 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 labeling, 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:
Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. May cause additional health effects (see below).

Eye Contact:
Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Ingestion:
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Reproductive/Developmental Toxicity:
Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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
Sodium Tripolyphosphate	Dermal	Rabbit	LD50 > 7,940 mg/kg
Sodium Tripolyphosphate	Ingestion	Rat	LD50 3,100 mg/kg
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	Dermal	Rabbit	LD50 > 2,000 mg/kg
Ethoxylated Tetramethyldecynediol	Dermal	Rat	LD50 > 2,000 mg/kg
Ethoxylated Tetramethyldecynediol	Ingestion	Rat	LD50 6,400 mg/kg
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	Ingestion	Rat	LD50 > 700 mg/kg
Monosodium Salt	Dermal	Rabbit	LD50 > 6,800 mg/kg
Monosodium Salt	Ingestion	Rat	LD50 31,300 mg/kg
Methyl Alcohol	Dermal		LD50 estimated to be 1,000 - 2,000 mg/kg
Methyl Alcohol	Inhalation-Vapor		LC50 estimated to be 10 - 20 mg/l
Methyl Alcohol	Ingestion		LD50 estimated to be 50 - 300 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Sodium Tripolyphosphate	Rabbit	No significant irritation
Ethoxylated Tetramethyldecynediol	Rabbit	No significant irritation
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	similar health hazards	Irritant
Monosodium Salt	Rabbit	Mild irritant

Methyl Alcohol	Rabbit	Mild irritant

Serious Eye Damage/Irritation

Name	Species	Value
Sodium Tripolyphosphate	Rabbit	Mild irritant
Ethoxylated Tetramethyldecynediol	Rabbit	Corrosive
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	Professional judgement	Corrosive
Monosodium Salt	Rabbit	Mild irritant
Methyl Alcohol	Rabbit	Moderate irritant

Skin Sensitization

Name	Species	Value
Sodium Tripolyphosphate	Mouse	Not classified
Ethoxylated Tetramethyldecynediol	Mouse	Not classified
Monosodium Salt	Guinea pig	Not classified
Methyl Alcohol	Guinea pig	Not classified

Respiratory Sensitization

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

Germ Cell Mutagenicity

Name	Route	Value
Sodium Tripolyphosphate	In Vitro	Not mutagenic
Ethoxylated Tetramethyldecynediol	In Vitro	Not mutagenic
Methyl Alcohol	In Vitro	Some positive data exist, but the data are not sufficient for classification
Methyl Alcohol	In vivo	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Methyl Alcohol	Inhalation	Multiple animal species	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
Sodium Tripolyphosphate	Ingestion	Not classified for development	Multiple animal species	NOAEL 141 mg/kg/day	during organogenesis
Ethoxylated Tetramethyldecynediol	Ingestion	Not classified for female reproduction	Rat	NOAEL 2,000 mg/kg/day	1 generation
Ethoxylated Tetramethyldecynediol	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,000 mg/kg/day	1 generation
Methyl Alcohol	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,600 mg/kg/day	21 days
Methyl Alcohol	Ingestion	Toxic to development	Mouse	LOAEL 4,000 mg/kg/day	during organogenesis

Methyl Alcohol	Inhalation	Toxic to development	Mouse	NOAEL 1.3 mg/l	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Ethoxylated Tetramethyldecynediol	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	
Monosodium Salt	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Methyl Alcohol	Inhalation	blindness	Causes damage to organs	Human	NOAEL Not available	occupational exposure
Methyl Alcohol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	not available
Methyl Alcohol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL Not available	6 hours
Methyl Alcohol	Ingestion	blindness	Causes damage to organs	Human	NOAEL Not available	poisoning and/or abuse
Methyl Alcohol	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	poisoning and/or abuse

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Ethoxylated Tetramethyldecynediol	Ingestion	liver | blood | kidney and/or bladder	Not classified	Dog	NOAEL 600 mg/kg/day	91 days
Methyl Alcohol	Inhalation	liver	Not classified	Rat	NOAEL 6.55 mg/l	4 weeks
Methyl Alcohol	Inhalation	respiratory system	Not classified	Rat	NOAEL 13.1 mg/l	6 weeks
Methyl Alcohol	Ingestion	liver | nervous system	Not classified	Rat	NOAEL 2,500 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.

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 labeling, 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 #	Organism	Type	Exposure	Test Endpoint	Test Result
Sodium Tripolyphosphate	7758-29-4	Water flea	Experimental	48 hours	Effect Concentration 50%	>100 mg/l
2-Propenic Acid, Methyl Ester, Reaction Products with 2-Ethyl-1-Hexanamine and Sodium Hydroxide	68610-44-6		Data not available or insufficient for classification			
Ethoxylated Tetramethyldecynediol	9014-85-1	Fathead Minnow	Estimated	96 hours	Lethal Concentration 50%	36 mg/l
Ethoxylated Tetramethyldecynediol	9014-85-1	Green Algae	Estimated	72 hours	Effect Concentration 50%	82 mg/l
Ethoxylated Tetramethyldecynediol	9014-85-1	Water flea	Estimated	48 hours	Effect Concentration 50%	88 mg/l
Ethoxylated Tetramethyldecynediol	9014-85-1	Copepods	Experimental	48 hours	Lethal Concentration 50%	166 mg/l
Ethoxylated Tetramethyldecynediol	9014-85-1	Diatom	Experimental	72 hours	Effect Concentration 50%	76 mg/l
Ethoxylated Tetramethyldecynediol	9014-85-1	Fish other	Experimental	96 hours	Lethal Concentration 50%	52 mg/l
Ethoxylated Tetramethyldecynediol	9014-85-1	Green Algae	Estimated	72 hours	Effect Concentration 10%	15 mg/l
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	34398-01-1	Fathead Minnow	Experimental	96 hours	Lethal Concentration 50%	1.63 mg/l
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	34398-01-1	Green algae	Experimental	96 hours	Effect Concentration 50%	2.9 mg/l
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	34398-01-1	Water flea	Experimental	48 hours	Effect Concentration 50%	2.1 mg/l
Poly(Oxy-1,2-Ethanediyl),Al	34398-01-1	Fathead Minnow	Experimental	30 days	No obs Effect Conc	0.73 mg/l

pha-Undecyl-Omega-Hydroxy-						
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	34398-01-1	Green algae	Experimental	96 hours	No obs Effect Conc	1.2 mg/l
Monosodium Salt	14960-06-6	Green algae	Estimated	72 hours	Effect Concentration 50%	31 mg/l
Monosodium Salt	14960-06-6	Rainbow Trout	Estimated	96 hours	Lethal Concentration 50%	4.2 mg/l
Monosodium Salt	14960-06-6	Water flea	Experimental	48 hours	Effect Concentration 50%	1.71 mg/l
Monosodium Salt	14960-06-6	Water flea	Estimated	21 days	No obs Effect Conc	1.5 mg/l
Methyl Alcohol	67-56-1	Algae or other aquatic plants	Experimental	96 hours	Effect Concentration 50%	16.9 mg/l
Methyl Alcohol	67-56-1	Bluegill	Experimental	96 hours	Lethal Concentration 50%	15,400 mg/l
Methyl Alcohol	67-56-1	Green Algae	Experimental	96 hours	Effect Concentration 50%	22,000 mg/l
Methyl Alcohol	67-56-1	Water flea	Experimental	24 hours	Effect Concentration 50%	20,803 mg/l
Methyl Alcohol	67-56-1	Algae or other aquatic plants	Experimental	96 hours	No obs Effect Conc	9.96 mg/l
Methyl Alcohol	67-56-1	Water flea	Experimental	21 days	No obs Effect Conc	122 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Sodium Tripolyphosphate	7758-29-4	Data not availbl-insufficient			N/A	
2-Propenic Acid, Methyl Ester, Reaction Products with 2-Ethyl-1-Hexanamine and Sodium Hydroxide	68610-44-6	Estimated Biodegradation	28 days	Carbon dioxide evolution	29 % weight	OECD 301B - Mod. Sturm or CO2
Ethoxylated Tetramethyldecynediol	9014-85-1	Experimental Biodegradation	28 days	Biological Oxygen Demand	0-31 % BOD/ThBOD	OECD 301D - Closed Bottle Test
Poly(Oxy-1,2-Ethanediyl),Al	34398-01-1	Experimental Biodegradation	28 days	Biological Oxygen	80 % weight	OECD 301D - Closed Bottle Test

pha-Undecyl-Omega-Hydroxy-				Demand		
Monosodium Salt	14960-06-6	Experimental Biodegradation	29 days	Biological Oxygen Demand	94.2 % BOD/ThBOD	Other methods
Methyl Alcohol	67-56-1	Experimental Biodegradation	14 days	Biological Oxygen Demand	92 % BOD/ThBOD	OECD 301C - MITI (I)

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Sodium Tripolyphosphate	7758-29-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Ethoxylated Tetramethyldecynediol	9014-85-1	Estimated BCF-Carp	28 days	Bioaccumulation Factor	<24	Other methods
Poly(Oxy-1,2-Ethanediyl),Alpha-Undecyl-Omega-Hydroxy-	34398-01-1	Experimental BCF-Carp	10 days	Bioaccumulation Factor	309	Other methods
Monosodium Salt	14960-06-6	Estimated Bioconcentration		Log of Octanol/H2O part. coeff	≤-2.12	Est: Octanol-water part. coeff
Methyl Alcohol	67-56-1	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	-0.77	Other methods

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

According to the Environmental Quality (Scheduled Wastes) Regulations 2005, scheduled waste has to be sent to a prescribed premise for recycling, treatment or disposal. Please approach Kualiti Alam for proper schedule waste classification and disposal.

SECTION 14: Transport Information

Not hazardous for transportation.

Marine Transport (IMDG)

UN Number: None assigned.
Proper Shipping Name: None assigned.

Technical Name: None assigned.
Hazard Class/Division: None assigned.
Subsidiary Risk: None assigned.
Packing Group: None assigned.
Limited Quantity: None assigned.
Marine Pollutant: None assigned.
Marine Pollutant Technical Name: None assigned.
Other Dangerous Goods Descriptions:
None assigned.

Air Transport (IATA)

UN Number: None assigned.
Proper Shipping Name: None assigned.
Technical Name: None assigned.
Hazard Class/Division: None assigned.
Subsidiary Risk: None assigned.
Packing Group: None assigned.
Limited Quantity: None assigned.
Marine Pollutant: None assigned.
Marine Pollutant Technical Name: None assigned.
Other Dangerous Goods Descriptions:
None assigned.

Transportation classifications are provided as a customer service. As for shipping, YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling or marking requirements. The above information is only for reference. If you are shipping by air or ocean, YOU are advised to check & meet applicable regulatory requirements.

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 Japan Chemical Substance Control Law. 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. The components of this product are in compliance with the chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

SECTION 16: Other information

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 Malaysia SDSs are available at www.3M.com.my