Safety Data Sheet

This Safety Data Sheet has been prepared in accordance with the SS586 Specification for Hazard Communication for Hazardous Chemicals and Dangerous Goods.

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SECTION 1: Identification

1.1. Product identifier
3M™ Creme Cleanser Ready-To-Use

1.2. Recommended use and restrictions on use

Recommended use
Cleans away hard water scale, rust stains, soap scum and heavy soil from stainless steel surfaces, bathroom fixtures and ceramic surfaces. Extra thick formula contains very fine grade abrasive particles for extra scrubbing power, Hard Surface Cleaner

1.3. Supplier's details
Address: 3M Technologies (S) Pte Ltd,10 Ang Mo Kio Street 65, Singapore 569059
Telephone: +65 6450 8888
Website: www.3m.com.sg

1.4. Emergency telephone number
+65 6591 6601 (8.15am - 5.00pm, Monday - Friday)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
Skin Corrosion/Irritation: Category 1.
Serious Eye Damage/Irritation: Category 1.
Carcinogenicity: Category 1A.
Specific Target Organ Toxicity (repeated exposure): Category 1.

2.2. Label elements
SIGNAL WORD
DANGER!

Symbols
Corrosion | Health Hazard |

Pictograms

HAZARD STATEMENTS

H314	Causes severe skin burns and eye damage.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure: respiratory system.

PRECAUTIONARY STATEMENTS

Prevention:

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280J	Wear protective gloves, protective clothing, respiratory protection, and eye/face protection.

Response:

P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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 CENTER or doctor/physician.

2.3. Other hazards

- May cause chemical gastrointestinal burns.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Wt
Silicon Dioxide	14808-60-7	30 - 60
Water	7732-18-5	30 - 60
Alkylbenzene Sulfonic Acid	68584-22-5	1 - 5
C9-11 Alcohol Ethoxylated	68439-46-3	1 - 5
Methyl salicylate	119-36-8	0.1 - 0.3
Benzene, mono-C10-13-alkyl derivs.	129813-58-7	< 0.1

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

Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

Eye contact

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

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

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

Skin burns (localized redness, swelling, itching, intense pain, blistering, and tissue destruction). Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision). Target organ effects following prolonged or repeated exposure. See Section 11 for additional details.

4.3. Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
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.

5.3. Special protective actions for fire-fighters
No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions
Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
Contain spill. For large spills, if necessary, get assistance from professional spill clean up team. For small spills, carefully cover the spill with soda ash (sodium carbonate) or sodium bicarbonate. Work from around the perimeter inward. Avoid splashing. Add enough water to ease mixing and stir. Continue stirring and adding water and neutralizing agent until the reaction stops. Let cool before collecting. Or use a commercially available 'Acid spill' clean-up kit. Follow the kit directions exactly, as specified. 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 metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Clean up residue with detergent and water. Cover, but do not seal for 48 hours. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminum, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard. Use personal protective equipment (eg. gloves, respirators…) as required.

7.2. Conditions for safe storage including any incompatibilities
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
Silicon Dioxide	14808-60-7	ACGIH	TWA(respirable fraction):0.025 mg/m3	A2: Suspected human carcin.
Silicon Dioxide	14808-60-7	Singapore PELs	TWA(as respirable dust)(8 hours):0.1 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
Singapore PELs : Singapore. Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order
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

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.

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
Apron - 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 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.
Color	White
Odor	Minty
Odour threshold	*No data available.*
pH	1.15 - 2.15
Melting point/Freezing point	*No data available.*
Boiling point/Initial boiling point/Boiling range	*No data available.*
Flash point	No flash point
Evaporation rate	*No data available.*
Flammability	Not applicable.
Flammable Limits(LEL)	*No data available.*
Flammable Limits(UEL)	*No data available.*
Vapor Density and/or Relative Vapor Density	*No data available.*
Density	*No data available.*
Relative density	1.24562 [*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	*No data available.*
Volatile organic compounds (VOC)	1 - 5 % weight
VOC less H2O & exempt solvents	< 170 g/l

Particle Characteristics	*Not applicable.*

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 Possibility of hazardous reactions
Hazardous polymerisation will not occur.

10.4 Conditions to avoid
None known.

10.5 Incompatible materials
Strong oxidising agents.
Alkali and alkaline earth metals.

10.6 Hazardous decomposition products

Substance	**Condition**

Carbon monoxide.	Not specified.
Carbon dioxide.	Not specified.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation
Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

Skin contact
Corrosive (skin burns): Signs/symptoms may include localised redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction. Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

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

Ingestion
Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen. May cause additional health effects (see below).

Additional Health Effects:

Prolonged or repeated exposure may cause target organ effects:
Silicosis: Signs/symptoms may include breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease.

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

Carcinogenicity:
Contains a chemical or chemicals which can cause cancer.

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
Silicon Dioxide	Dermal		LD50 estimated to be > 5,000 mg/kg

Silicon Dioxide	Ingestion		LD50 estimated to be > 5,000 mg/kg
C9-11 Alcohol Ethoxylated	Dermal	similar compounds	LD50 > 2,000 mg/kg
C9-11 Alcohol Ethoxylated	Inhalation-Dust/Mist (4 hours)	similar compounds	LC50 > 1.6 mg/l
C9-11 Alcohol Ethoxylated	Ingestion	similar compounds	LD50 3,488 mg/kg
Alkylbenzene Sulfonic Acid	Dermal	Rabbit	LD50 2,000 mg/kg
Alkylbenzene Sulfonic Acid	Ingestion	Rat	LD50 > 300, < 2000 mg/kg
Methyl salicylate	Inhalation-Vapor (4 hours)	Rat	LC50 > 1.2 mg/l
Methyl salicylate	Ingestion	Rat	LD50 890 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Silicon Dioxide	Professional judgement	No significant irritation
C9-11 Alcohol Ethoxylated	similar compounds	Minimal irritation
Alkylbenzene Sulfonic Acid	similar compounds	Minimal irritation
Methyl salicylate	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value
C9-11 Alcohol Ethoxylated	Professional judgement	Moderate irritant
Alkylbenzene Sulfonic Acid	similar compounds	Severe irritant
Methyl salicylate	In vitro data	Corrosive

Sensitization:

Skin Sensitisation

Name	Species	Value
C9-11 Alcohol Ethoxylated	Guinea pig	Not classified
Alkylbenzene Sulfonic Acid	Human	Some positive data exist, but the data are not sufficient for classification
Methyl salicylate	Human and animal	Sensitising

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
Silicon Dioxide	In Vitro	Some positive data exist, but the data are not sufficient for classification
Silicon Dioxide	In vivo	Some positive data exist, but the data are not sufficient for classification
C9-11 Alcohol Ethoxylated	In Vitro	Not mutagenic
Alkylbenzene Sulfonic Acid	In Vitro	Not mutagenic
Methyl salicylate	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Silicon Dioxide	Inhalation	Human and animal	Carcinogenic.
Methyl salicylate	Ingestion	Multiple animal species	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
C9-11 Alcohol Ethoxylated	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
C9-11 Alcohol Ethoxylated	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
C9-11 Alcohol Ethoxylated	Dermal	Not classified for male reproduction	Rat	NOAEL 100 mg/kg/day	2 generation
Methyl salicylate	Ingestion	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	3 generation
Methyl salicylate	Ingestion	Not classified for male reproduction	Rat	NOAEL 250 mg/kg/day	3 generation
Methyl salicylate	Ingestion	Toxic to development	similar compounds	NOAEL Not available.	

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
C9-11 Alcohol Ethoxylated	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Methyl salicylate	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
Silicon Dioxide	Inhalation	silicosis	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
C9-11 Alcohol Ethoxylated	Dermal	kidney and/or bladder | heart | hematopoietic system | liver | nervous system | respiratory system	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks
Methyl salicylate	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 0.7 mg/l	28 days
Methyl salicylate	Ingestion	bone, teeth, nails,	Some positive data exist, but the	Rat	NOAEL 250	2 years

		and/or hair	data are not sufficient for classification		mg/kg/day	
Methyl salicylate	Ingestion	gastrointestinal tract | respiratory system	Not classified	Rat	NOAEL 1,000 mg/kg/day	2 years
Methyl salicylate	Ingestion	liver	Not classified	Dog	NOAEL 350 mg/kg/day	2 years
Methyl salicylate	Ingestion	heart | hematopoietic system | kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	2 years

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 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:
GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
Silicon Dioxide	14808-60-7	Green algae	Estimated	72 hours	EC50	440 mg/l
Silicon Dioxide	14808-60-7	Water flea	Estimated	48 hours	EC50	7,600 mg/l
Silicon Dioxide	14808-60-7	Zebra Fish	Estimated	96 hours	LC50	5,000 mg/l
Silicon Dioxide	14808-60-7	Green algae	Estimated	72 hours	NOEC	60 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Green algae	Analogous Compound	96 hours	EC50	36 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Rainbow trout	Experimental	96 hours	LC50	4.3 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Water flea	Experimental	48 hours	EC50	2.9 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Fathead minnow	Analogous Compound	28 days	NOEC	0.9 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Green algae	Analogous Compound	72 hours	NOEC	2.2 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Water flea	Analogous Compound	21 days	NOEC	0.3 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Activated sludge	Analogous Compound	3 hours	EC50	550 mg/l
Alkylbenzene Sulfonic Acid	68584-22-5	Redworm	Analogous Compound	14 days	LC50	>1,000 mg/kg (Dry Weight)
C9-11 Alcohol Ethoxylated	68439-46-3	Rainbow trout	Analogous Compound	96 hours	LC50	5 mg/l
C9-11 Alcohol Ethoxylated	68439-46-3	Green algae	Experimental	72 hours	EbC50	1.4 mg/l

C9-11 Alcohol Ethoxylated	68439-46-3	Water flea	Experimental	48 hours	EC50	2.5 mg/l
C9-11 Alcohol Ethoxylated	68439-46-3	Green algae	Analogous Compound	72 hours	ErC10	1.05 mg/l
C9-11 Alcohol Ethoxylated	68439-46-3	Water flea	Analogous Compound	21 days	NOEC	0.107 mg/l
C9-11 Alcohol Ethoxylated	68439-46-3	Activated sludge	Analogous Compound	3 hours	EC50	140 mg/l
C9-11 Alcohol Ethoxylated	68439-46-3	Wheat	Analogous Compound	19 days	EC50	>100 mg/kg (Dry Weight)
Methyl salicylate	119-36-8	Fathead minnow	Analogous Compound	96 hours	LC50	19.8 mg/l
Methyl salicylate	119-36-8	Water flea	Analogous Compound	48 hours	EC50	28 mg/l
Methyl salicylate	119-36-8	Amphibian	Experimental	24 hours	LC50	502.55 mg/l
Methyl salicylate	119-36-8	Green algae	Experimental	72 hours	EC50	27 mg/l
Methyl salicylate	119-36-8	Green algae	Experimental	72 hours	NOEC	6.25 mg/l
Methyl salicylate	119-36-8	Bacteria	Experimental	16 hours	EC50	380 mg/l
Methyl salicylate	119-36-8	Cucumber	Experimental	14 days	NOEC	200 mg/kg (Dry Weight)
Methyl salicylate	119-36-8	Redworm	Experimental	14 days	EC50	350 mg/kg (Dry Weight)
Benzene, mono-C10-13-alkyl derivs.	129813-58-7	Water flea	Analogous Compound	48 hours	EC50	0.009 mg/l
Benzene, mono-C10-13-alkyl derivs.	129813-58-7	Water flea	Analogous Compound	21 days	NOEC	0.0053 mg/l

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Silicon Dioxide	14808-60-7	Data not available-insufficient	N/A	N/A	N/A	N/A
Alkylbenzene Sulfonic Acid	68584-22-5	Experimental Biodegradation	28 days	CO2 evolution	80 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
C9-11 Alcohol Ethoxylated	68439-46-3	Analogous Compound Biodegradation	28 days	BOD	72 %CO2 evolution/THCO2 evolution	ISO 14593 Inorg C Headspace
Methyl salicylate	119-36-8	Experimental Biodegradation	28 days	CO2 evolution	98.4 %CO2 evolution/THCO2 evolution	similar to OECD 301B
Methyl salicylate	119-36-8	Extrapolated Hydrolysis		Hydrolytic half-life (pH 7)	22 days (t 1/2)	
Benzene, mono-C10-13-alkyl derivs.	129813-58-7	Analogous Compound Biodegradation	28 days	CO2 evolution	59 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2

12.3 : Bioaccumulative potential

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Silicon Dioxide	14808-60-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Alkylbenzene Sulfonic Acid	68584-22-5	Analogous Compound BCF - Fish	28 days	Bioaccumulation factor	220	
Alkylbenzene Sulfonic Acid	68584-22-5	Experimental Bioconcentration		Log Kow	2.0	OECD 107 log Kow shke flsk mtd
C9-11 Alcohol Ethoxylated	68439-46-3	Modeled Bioconcentration		Bioaccumulation factor	31	Catalogic™

C9-11 Alcohol Ethoxylated	68439-46-3	Analogous Compound Bioconcentration		Log Kow	2.72	OECD 123 log Kow slow stir
Methyl salicylate	119-36-8	Experimental Bioconcentration		Log Kow	2.55	
Benzene, mono-C10-13-alkyl derivs.	129813-58-7	Analogous Compound BCF - Fish	56 days	Bioaccumulation factor	443	

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. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

SECTION 14: Transport Information

International Regulations

UN No.: UN3265
UN Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Transportation Class (IMO): 8-8 Corrosives
Transportation Class (IATA): 8-8 Corrosives
Other Dangerous Goods Descriptions (IMO): None assigned
Other Dangerous Goods Descriptions (IATA): None assigned
Packing Group: III
Marine pollutant: None assigned

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 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.

This product may contain component(s) that are regulated by the following:
Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations: this product is subject to

SDS, labelling, PEL and other requirements in the Act/Regulations.
Environmental Protection and Management (Hazardous Substances) Regulations: This product is subject to the requirements in the Regulations

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 Singapore SDSs are available at www.3m.com.sg