

# Safety Data Sheet

### Copyright, 2024, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Document Group:	10-3495-8	Version Number:	7.01
Issue Date:	14/03/2024	Supercedes Date:	01/07/2022

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

STERI-GAS BRAND CARTRIDGES 4-60, 4-100, 4-134, and 8-170

#### Product Identification Numbers

70-2007-2768-6	70-2007-8376-2	70-2007-8377-0	70-2007-8378-8	70-2007-8379-6
70-2007-8380-4	70-2007-8381-2	70-2007-8382-0	70-2007-8383-8	70-2007-8384-6

### 1.2. Recommended use and restrictions on use

#### **Recommended use**

Gas to sterilize in a 3M Steri-Vac(TM) Ethylene Oxide Sterilizer

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<br/>Petaling, Jaya, SelangorTelephone:03-7884 2888E Mail:3mmyehsr@mmm.comWebsite: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

Flammable Gas: Category 1. Gas Under Pressure: Liquefied gas. Acute Toxicity (oral): Category 3. Acute Toxicity (inhalation): Category 3. Skin Corrosion/Irritation: Category 1. Serious Eye Damage/Irritation: Category 1. Germ Cell Mutagenicity: Category 1B. Carcinogenicity: Category 1A. Reproductive Toxicity: Category 1B. Specific Target Organ Toxicity (single exposure): Category 1. Specific Target Organ Toxicity (repeated exposure): Category 1. Specific Target Organ Toxicity (single exposure): Category 3.

### 2.2. Label elements Signal word

Danger

## Symbols

Flame |Gas cylinder |Corrosion |Skull and crossbones |Health Hazard |

# **Pictograms**



Hazard Statements:	
H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
H301 + H331	Toxic if swallowed or if inhaled.
H331	Toxic if inhaled.
H314	Causes severe skin burns and eye damage.
H340	May cause genetic defects.
H350	May cause cancer.
H360	May damage fertility or the unborn child.
H335	May cause respiratory irritation.
H370	Causes damage to organs: respiratory system.
H372	Causes damage to organs through prolonged or repeated exposure: nervous system.
Н373	May cause damage to organs through prolonged or repeated exposure: kidney/urinary tract   sensory organs.
Precautionary statements	
Prevention:	
P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P280D	Wear protective gloves, protective clothing, and eye/face protection.
P281	Use personal protective equipment as required.
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.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

# Storage:

P403 + P233	Store in a well-ventilated pla	ace. Keep container tightly closed.
P410 + P403	Protect from sunlight. Stor	re in a well-ventilated place.

### 2.3. Other hazards

May cause chemical gastrointestinal burns., May cause drowsiness or dizziness., May cause frostbite.

# **SECTION 3: Composition/information on ingredients**

This material is a substance.

Ingredient	C.A.S. No.	% by Wt
ETHYLENE OXIDE	75-21-8	99 - 100

# **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

### Inhalation:

Remove person to fresh air. 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

Toxic if inhaled. Irritating to the respiratory tract (coughing, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain). 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). Toxic if swallowed. Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). Target organ effects. See Section 11 for additional details. 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

In case of fire: Use a water spray or fog to extinguish, do not use straight streams. If water is not available use dry chemical, CO2, or foam to extinguish. Refer to other precautionary advice in SDS section 5. Use a fire fighting agent suitable for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

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

Hazardous Decomposition or By-Products	
<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

## 5.3. Special protective actions for fire-fighters

Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so. 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. Eliminate all ignition sources if safe to do so. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. 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.

# 6.3. Methods and material for containment and cleaning up

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Close cylinder. Place in a metal container approved for transportation by appropriate authorities. 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

For industrial/occupational use only. Not for consumer sale or use. Do not use in a confined area with minimal air exchange. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharge. Do not breathe 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. Wash contaminated clothing before reuse. Eliminate all ignition sources if safe to do so. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required. Recommendations for storing Steri-Gas cartridges are stringent. Check your local fire protection codes for additional requirements. Keep all sources of ignition such as matches, lighted cigarettes, sparks and static discharge away from the sterilzer and cartridges. Store cartridges in an upright position. Keep only one day's requirement or a maximum of twelve(12) cartridges (one box) in the immediate sterilizer area. This area needs to have at least ten air changes per hour. Additional Steri-Gas cartridges should be stored in an approved flammable liquid storage cabinet vented to the outside atmosphere, or in an area suitable for storage of flammable liquids appropriately vented to the outside atmosphere, or in an area suitable for storage of flammable liquids appropriately vented to the outside atmosphere, or into a non-recirculating, continuously operating, dedicated exhaust system.

## 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store away from heat. Do not expose to temperatures exceeding 50°C/122°F. Store away from acids. Store away from oxidizing agents. Store away from areas where product may come into contact with food or pharmaceuticals.

# **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
ETHYLENE OXIDE	75-21-8	ACGIH	TWA:1 ppm	A2: Suspected human
				carcin., Danger of

				cutaneous absorption
ETHYLENE OXIDE	75-21-8	Malaysia OELs	TWA(8 hours):1.8 mg/m3(1	
			ppm)	

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: 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 Polymer laminate - PE/EVAL/PE

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

## **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 supplied-air respirator

For questions about suitability for a specific application, consult with your respirator manufacturer.

### Thermal hazards

Wear cold insulating gloves/face shield/eye protection.

# **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state	Gas
Specific Physical Form:	Compressed Gas

Color	Colorless	
Odor	Sweet Odor	
Odor threshold	No Data Available	
рН	7	
Melting point/Freezing point	Not Applicable	
Boiling point/Initial boiling point/Boiling range	10.6 °C	
Flash Point	-20 °C [Test Method: Tagliabue Closed Cup]	
Evaporation rate	Not Applicable	
Flammability (solid, gas)	Flammable Gas: Category 1.	
Flammable Limits(LEL)	3 % volume	
Flammable Limits(UEL)	100 % volume	
Vapor Pressure	145,854.3 Pa [@ 20 °C ]	
Vapor Density and/or Relative Vapor Density	1.49 [ <i>Ref Std</i> :AIR=1]	
Density	Not Applicable	
Relative Density	0.87 [ <i>Ref Std</i> :WATER=1] [ <i>Details</i> :CONDITIONS: @ 20/20 C]	
Water solubility	Complete	
Solubility- non-water	No Data Available	
Partition coefficient: n-octanol/ water	No Data Available	
Autoignition temperature	428.9 °C [Details: CONDITIONS: Burns in the absence of air]	
Decomposition temperature	Not Applicable	
Viscosity/Kinematic Viscosity	Not Applicable	
Volatile Organic Compounds	100 %	
Percent volatile	100 %	
VOC Less H2O & Exempt Solvents	100 %	
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. Possibility of hazardous reactions

Hazardous polymerization may occur.

**10.4. Conditions to avoid** Heat

**10.5. Incompatible materials** None known.

## 10.6. Hazardous decomposition products

<u>Substance</u>

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

# **Condition**

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:

Toxic if inhaled.

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:**

Frostbite: Signs/symptoms may include intense pain, discoloration of skin, and tissue destruction.

Corrosive (Skin Burns): Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

### **Eye Contact:**

Frostbite: Signs/symptoms may include intense pain, clouding of the cornea, redness, swelling, and blindness.

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:**

Toxic if swallowed. Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain; nausea; vomiting; and diarrhea; blood in the feces and/or vomitus may also be seen.

## Additional Health Effects:

### Single exposure may cause target organ effects:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

## Prolonged or repeated exposure may cause target organ effects:

Ocular Effects: Signs/symptoms may include blurred or significantly impaired vision.

Peripheral Neuropathy: Signs/symptoms may include tingling or numbness of the extremities, incoordination, weakness of the hands and feet, tremors and muscle atrophy.

Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

## **Reproductive/Developmental Toxicity:**

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

### Genotoxicity:

Genotoxicity and Mutagenicity: May interact with genetic material and possibly alter gene expression.

### 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
ETHYLENE OXIDE	Inhalation-	official	LC50 700 ppm
	Gas (4	classifica	
	hours)	tion	
ETHYLENE OXIDE	Ingestion	official	LD50 100 mg/kg
	-	classifica	
		tion	

ATE = acute toxicity estimate

# Skin Corrosion/Irritation

Name	Species	Value
ETHYLENE OXIDE	Human and animal	Corrosive

# **Serious Eye Damage/Irritation**

Name	Species	Value
ETHYLENE OXIDE	similar health hazards	Corrosive

# Sensitization:

### **Skin Sensitization**

Name	Species	Value
ETHYLENE OXIDE	Human and animal	Not classified

### **Respiratory Sensitization**

Name	Species	Value
ETHYLENE OXIDE	Human	Not classified

# Germ Cell Mutagenicity

Name	Route	Value
ETHYLENE OXIDE	In vivo	Mutagenic

# Carcinogenicity

Name	Route	Species	Value
ETHYLENE OXIDE	Inhalation	Multiple	Carcinogenic
		animal	
		species	

## **Reproductive Toxicity**

### **Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
ETHYLENE OXIDE	Inhalation	Toxic to development	Rat	NOAEL 33	during
				ppm	organogenesis
ETHYLENE OXIDE	Inhalation	Toxic to female reproduction	Rat	NOAEL 33	1 generation
				ppm	
ETHYLENE OXIDE	Inhalation	Toxic to male reproduction	Monkey	LOAEL 50	2 years
				ppm	

# Target Organ(s)

### Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ETHYLENE OXIDE	Inhalation	respiratory system	Causes damage to organs	Human and animal	NOAEL Not available	
ETHYLENE OXIDE	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
ETHYLENE OXIDE	Inhalation	respiratory irritation	May cause respiratory irritation		NOAEL Not available	

## Specific Target Organ Toxicity - repeated exposure

Name	Route	oute Target Organ(s) Value Spe		Species	Test Result	Exposure Duration
ETHYLENE OXIDE	Inhalation	peripheral nervous system	Causes damage to organs through prolonged or repeated exposure	Human and animal	NOAEL Not available	
ETHYLENE OXIDE	Inhalation	kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Mouse	LOAEL 100 ppm	14 weeks
ETHYLENE OXIDE	Inhalation	eyes	May cause damage to organs though prolonged or repeated exposure	Human and animal	NOAEL Not available	
ETHYLENE OXIDE	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Mouse	LOAEL 200 ppm	14 weeks
ETHYLENE OXIDE	Inhalation	endocrine system	Not classified	Rat	NOAEL 100 ppm	2 years
ETHYLENE OXIDE	Inhalation	liver	Not classified	Multiple animal species	NOAEL 841 ppm	not available
ETHYLENE OXIDE	Inhalation	hematopoietic system	Not classified	Mouse	NOAEL 250 ppm	10 weeks
ETHYLENE OXIDE	Inhalation	immune system	Not classified	Mouse	LOAEL 200 ppm	14 weeks
ETHYLENE OXIDE	Inhalation	heart	Not classified	Monkey	NOAEL 100 ppm	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 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.

Material	Organism	Туре	Exposure	Test Endpoint	Test Result
STERI-GAS BRAND CARTRIDGES 4-60, 4-100, 4-134, and 8- 170	Water flea	Laboratory	48 hours	N/A	137 mg/l
STERI-GAS BRAND CARTRIDGES 4-60, 4-100, 4-134, and 8- 170	Fathead Minnow	Laboratory	96 hours	N/A	84 mg/l
STERI-GAS BRAND CARTRIDGES 4-60, 4-100, 4-134, and 8- 170	Goldfish	Laboratory	24 hours	N/A	90 mg/l

### 12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
ETHYLENE OXIDE	75-21-8	Experimental Biodegradation	28 days	Biological Oxygen Demand	107 %BOD/ThOD	OECD 301C - MITI (I)
ETHYLENE OXIDE	75-21-8	Experimental Hydrolysis		Hydrolytic half-life (pH 7)	12.9 days (t 1/2)	

### **12.3. Bioaccumulative potential**

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
ETHYLENE OXIDE	75-21-8	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	-0.3	OECD 107 log Kow shke flsk mtd

## 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**

# Marine Transport (IMDG)

UN Number:UN1040 Proper Shipping Name:ETHYLENE OXIDE Technical Name:None assigned. Hazard Class/Division:2.3 Subsidiary Risk:(2.1) Packing Group:None assigned. Limited Quantity:None assigned. Marine Pollutant: None assigned. Marine Pollutant Technical Name: None assigned. Other Dangerous Goods Descriptions: Each box is an overpack containing 8 boxes at 2.1 kg/box, UN1040, ethylene oxide.

### Air Transport (IATA) Forbidden:Not allowed by the regulatory agency

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.

# **SECTION 16: Other information**

DISCLAIMER: The information in this Safety Data Sheet (SDS) 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 SDS or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own evaluation to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into Malaysia, you are responsible for all applicable regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration/notification.

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