



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the New Zealand, Hazardous Substances and New Organisms Act 1996 (HSNO Act) and Regulations, as amended.

### SECTION 1: Identification

#### 1.1. Product identifier

Scotchgard™ Rug & Carpet Protector (Cat. No. 4406-17, 4406-14)

#### Product Identification Numbers

70-0050-7526-5

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Water, oil and stain protector for carpets and rugs

#### 1.3. Supplier's details

**Address:** 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland

**Telephone:** (09) 477 4040

**E Mail:** innovation@nz.mmm.com

**Website:** 3m.co.nz

#### 1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Classified as hazardous according to the New Zealand, Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 as amended.

Classified as a Dangerous Good according to; New Zealand, Land Transport Rule: Dangerous Goods 2005 (Rule 45001/1) as amended, NZS 5433:2012 Transport of Dangerous Goods on Land, UN Model Regulations on the Transport of Dangerous Goods, International Maritime Dangerous Goods Code and IATA Dangerous Goods Regulations.

#### HSNO classification

2.1.2A Flammable aerosol

6.9A Toxic to human target organs/systems

## 2.2. Label elements

### SIGNAL WORD

DANGER!

### Symbols:

Flame |Health Hazard |

### Pictograms



### HAZARD STATEMENTS:

H222 Extremely flammable aerosol.

H370 Causes damage to organs:  
cardiovascular system |

### PRECAUTIONARY STATEMENTS

#### General:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

#### Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.

#### Response:

P307 + P311 IF exposed: Call a POISON CENTER or doctor/physician.

#### Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50oC.  
P405 Store locked up.

#### Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

## 2.3. Other hazards

3M Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
Contains gas under pressure; may explode if heated.

## SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	% by Weight
Water	7732-18-5	83 - 90
Isobutane	75-28-5	5 - 10
Petroleum gases, liquefied, sweetened	68476-86-8	1 - 5
Fluorochemical Urethane	Trade Secret	3 - 7

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Remove person to fresh air. Get medical attention.

#### Skin contact

Wash with soap and water. If you feel unwell, get medical attention.

#### Eye contact

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

#### If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1 Information on toxicological effects

### 4.3. Indication of any immediate medical attention and special treatment required

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

## 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

Closed containers exposed to heat from fire may build pressure and explode. Exposure to extreme heat can give rise to thermal decomposition.

### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.
Hydrogen Fluoride	During combustion.
Toxic vapour, gas, particulate.	During combustion.

### 5.3. Special protective actions for fire-fighters

When fire fighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

### 5.4. Hazchem code: 2YE

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for

## Scotchgard™ Rug & Carpet Protector (Cat. No. 4406-17, 4406-14)

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. 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 using non-sparking tools. 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

Refer to Section 15: HSNO Controls for more information.

### 7.1. Precautions for safe handling

Avoid inhalation of thermal decomposition products. Do not use in a confined area with minimal air exchange. Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. 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.

### 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.

### 7.3. Approved handler test certificate

Class 2, required when present in quantities greater than 3,000 L (aggregate water capacity)

## 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
Natural gas	75-28-5	ACGIH	Limit value not established:	
Isobutane	75-28-5	ACGIH	STEL:1000 ppm	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

New Zealand WES : New Zealand Workplace Exposure Standards.

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m<sup>3</sup>: milligrams per cubic metre

CEIL: Ceiling

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Provide appropriate local exhaust when product is heated. 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.

Refer AS/NZS 1336 - Recommended practices for occupational eye protection and for performance specifications AS/NZS 1337, Parts 1 - 6 - Personal eye-protection.

### Skin/hand protection

No protective gloves required.

### Respiratory protection

Use a positive pressure supplied-air respirator if there is a potential for over exposure from an uncontrolled release, exposure levels are not known, or under any other circumstances where air-purifying respirators may not provide adequate 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.

Refer AS/NZS 1715 - Selection, use and maintenance of respiratory protective equipment and AS/NZS 1716 - Respiratory protective devices.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Specific Physical Form:</b>	Aerosol
<b>Appearance/Odour</b>	slight solvent odour, opaque white emulsion
<b>Odour threshold</b>	<i>No data available.</i>
<b>pH</b>	9 [Details:(Liquid fill only)]
<b>Melting point/Freezing point</b>	<i>Not applicable.</i>
<b>Boiling point/Initial boiling point/Boiling range</b>	100 °C
<b>Flash point</b>	No flash point
<b>Evaporation rate</b>	<i>No data available.</i>
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Flammable Limits(LEL)</b>	<i>No data available.</i>
<b>Flammable Limits(UEL)</b>	<i>No data available.</i>
<b>Vapour pressure</b>	<i>No data available.</i>
<b>Vapour density</b>	<i>No data available.</i>
<b>Density</b>	1 g/ml
<b>Relative density</b>	± 1 [Ref Std:WATER=1] [Details:(Liquid fill only)]
<b>Water solubility</b>	Complete
<b>Solubility- non-water</b>	<i>No data available.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Autoignition temperature</b>	<i>Not applicable.</i>
<b>Decomposition temperature</b>	<i>No data available.</i>

Viscosity	No data available.
Volatile organic compounds (VOC)	± 10.2 % weight [Details: 10.2 new formulation, 9.45 old formulation]
Percent volatile	± 94.5 % weight

## 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

<u>Substance</u>	<u>Condition</u>
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None known.

Refer to Section 5.2 for hazardous decomposition products during combustion.

Extreme heat arising from situations such as misuse or equipment failure can generate hydrogen fluoride as a decomposition product.

## 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

May cause additional health effects (see below).

#### Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

#### Eye contact

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

**Scotchgard™ Rug & Carpet Protector (Cat. No. 4406-17, 4406-14)****Ingestion**

No known health effects.

**Additional Health Effects:****Single exposure may cause target organ effects:**

Single exposure, above recommended guidelines, may cause:

Cardiac sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

**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
Isobutane	Inhalation-Gas (4 hours)	Rat	LC50 276,000 ppm
Petroleum gases, liquefied, sweetened	Inhalation-Gas (4 hours)	Rat	LC50 277,000 ppm

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Isobutane	Professional judgement	No significant irritation
Petroleum gases, liquefied, sweetened	Professional judgement	No significant irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
Isobutane	Professional judgement	No significant irritation
Petroleum gases, liquefied, sweetened	Professional judgement	No significant irritation

**Skin Sensitisation**

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

**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
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Isobutane	In Vitro	Not mutagenic
Petroleum gases, liquefied, sweetened	In Vitro	Not mutagenic

**Carcinogenicity**

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

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

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

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Isobutane	Inhalation	cardiac sensitization	Causes damage to organs	Multiple animal species	NOAEL Not available	
Isobutane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Isobutane	Inhalation	respiratory irritation	Not classified	Mouse	NOAEL Not available	
Petroleum gases, liquefied, sweetened	Inhalation	cardiac sensitization	Causes damage to organs	similar compounds	NOAEL Not available	
Petroleum gases, liquefied, sweetened	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL Not available	
Petroleum gases, liquefied, sweetened	Inhalation	respiratory irritation	Not classified		NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Isobutane	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 4,500 ppm	13 weeks
Petroleum gases, liquefied, sweetened	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL Not available	

**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**

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
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Isobutane	75-28-5		Data not available or insufficient for classification			
Petroleum gases, liquefied, sweetened	68476-86-8		Data not available or insufficient for classification			
Fluorochemical Urethane	Trade Secret	Water flea	Experimental	48 hours	EC50	>100 mg/l
Fluorochemical Urethane	Trade Secret	Fathead minnow	Experimental	96 hours	LC50	>100 mg/l
Fluorochemical Urethane	Trade Secret	Green Algae	Experimental	72 hours	EC50	>100 mg/l

**12.2. Persistence and degradability**

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Isobutane	75-28-5	Experimental Photolysis		Photolytic half-life (in air)	13.4 days (t <sub>1/2</sub> )	Other methods
Petroleum gases, liquefied, sweetened	68476-86-8	Data not available or insufficient			N/A	
Fluorochemical Urethane	Trade Secret	Experimental Biodegradation	28 days	BOD	0.05 % weight	OECD 301D - Closed bottle test

**12.3 : Bioaccumulative potential**

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Isobutane	75-28-5	Experimental Bioconcentration		Log Kow	2.76	Other methods
Petroleum gases, liquefied, sweetened	68476-86-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Fluorochemical Urethane	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

**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**

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. Facility must be capable of handling aerosol cans. Empty

**Scotchgard™ Rug & Carpet Protector (Cat. No. 4406-17, 4406-14)**

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.

Disposal of the aerosol dispenser (that may or may not contain any residual substance), may be lawfully disposed of by householders or other consumers through public or commercial waste collection services.

**SECTION 14: Transport Information**

**New Zealand Land Transport Rule: Dangerous Goods - Road/Rail Transport**

**UN No.:** UN1950

**Proper Shipping Name:** AEROSOLS

**Class/Division:** 2.1

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

**Special Instructions:**Limited quantity may apply

**Hazchem Code:** 2YE

**IERG:** 49

**International Air Transport Association (IATA) - Air Transport**

**UN No.:** UN1950

**Proper Shipping Name:** AEROSOLS, FLAMMABLE

**Class/Division:** 2.1

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

**International Maritime Dangerous Goods Code (IMDG) - Marine Transport**

**UN No.:** UN1950

**Proper Shipping Name:** AEROSOLS

**Class/Division:** 2.1

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

**Marine Pollutant:** Not applicable.

**Special Instructions:**Limited quantity may apply

**SECTION 15: Regulatory information**

HSNO Approval number      HSR002515  
Group standard name        Aerosols (Flammable) Group Standard 2006  
HSNO Hazard classification   Refer to Section 2: Hazard identification

**NZ Inventory of Chemicals (NZIoC) Status**

All applicable chemical ingredients in this material are in compliance with NZIoC listing requirements.

**HSNO Controls**

Approved handler test certificate	Class 2, required when present in quantities greater than 3,000 L (aggregate water capacity)
Location and transit Depot certification test	3,000 L (aggregate water capacity)
Hazardous atmosphere zone	3,000 L (aggregate water capacity)
Fire extinguishers	One required for 3,000 L (aggregate water capacity)
Emergency response plan	3,000 L (aggregate water capacity)
Secondary containment	Not required
Tracking	Not required

Warning signage

3,000 L (aggregate water capacity)

## SECTION 16: Other information

### Revision information:

No revision information is available.

Section 1: Product identification numbers information was modified.

Section 1: Product name information was modified.

Section 1: Product use information information was deleted.

US Section 01 Product Use - Recommended Use information was added.

Section 2: Classification statements information was modified.

Section 2: NZ Classification statements (Transportation) information was modified.

HSNO Classification. information was deleted.

Environmental Hazard Statements information was deleted.

Section 2: NZ Other hazards information was added.

Section 2: NZ Precautionary Statements - General information was modified.

Section 2: NZ Precautionary Statements - Prevention information was modified.

Section 2: NZ Precautionary Statements - Response information was modified.

Section 2: Ingredient table information was modified.

Section 4: First aid for skin contact information information was modified.

Section 5: Fire - Advice for fire fighters information information was modified.

Section 5: Fire - Extinguishing media information information was modified.

Section 5: Hazchem code information was deleted.

Section 6: Accidental release clean-up information information was modified.

Section 6: Accidental release environmental information information was modified.

Section 6: Accidental release personal information information was modified.

Section 7: Conditions safe storage information was modified.

Section 7: Precautions safe handling information information was modified.

Section 7: Refer to Section 15 - HSNO control statement information was modified.

Section 8: Appropriate Engineering controls information information was modified.

Section 8: Eye/face protection information information was modified.

Section 8: Eye/face protection text information was deleted.

Section 8: Occupational exposure limit table information was added.

Section 8: Occupational exposure limit table information was modified.

OEL Reg Agency Desc information was modified.

Section 8: Personal Protection - Eye information information was added.

Section 8: Personal Protection - Respiratory Information information was added.

Section 8: Personal Protection - Skin/hand information information was added.

Section 8: Respiratory protection - recommended respirators information information was modified.

Section 8: Respiratory protection - recommended respirators information was deleted.

Section 8: Skin protection - recommended gloves information information was deleted.

Section 8: Skin protection - recommended gloves text information was deleted.

Section 09: Boiling point/Initial boiling point/Boiling range information was modified.

Sections 3 and 9: Odor, color, grade information information was modified.

Section 9: pH information information was modified.

Section 9: Property description for optional properties information was modified.

Section 10: Hazardous decomposition products during combustion text information was added.

Section 10: Hazardous Decomposition Products information information was added.

Section 11: Acute Toxicity table information was modified.

Section 11: Aspiration Hazard Table information was deleted.

Section 11: Aspiration Hazard text information was added.

Section 11: Carcinogenicity Table information was deleted.

Section 11: Carcinogenicity text information was added.

Section 11: Disclosed components not in tables text information was added.

Section 11: Germ Cell Mutagenicity Table information was modified.

Section 11: Health Effects - Additional Information information was deleted.  
Section 11: Health Effects - Ingestion information information was modified.  
Section 11: Health Effects - Inhalation information information was modified.  
Section 11: Health Effects - Skin information information was modified.  
Section 11: Reproductive Toxicity Table information was deleted.  
Section 11: Respiratory Sensitization Table information was deleted.  
Section 11: Respiratory Sensitization text information was added.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Single exposure may cause standard phrases information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Skin Sensitization Table information was deleted.  
Section 11: Skin Sensitization text information was added.  
Section 11: Specific Target Organ Toxicity - single exposure text information was added.  
Section 11: Target Organs - Repeated Table information was modified.  
Section 11: Target Organs - Single Table information was modified.  
Section 12: Component ecotoxicity information information was added.  
Section 12: Ecotoxic to aquatic environment information was deleted.  
Prints No Data if Biocumulative potential information is not present information was deleted.  
Prints No Data if Component ecotoxicity information is not present information was deleted.  
Prints No Data if Persistence and Degradability information is not present information was deleted.  
Section 12: NZ Environmental aquatic information information was deleted.  
Section 12: Persistence and Degradability information information was added.  
Section 12: Biocumulative potential information information was added.  
Section 13: 13.1. Waste disposal note information was modified.  
Section 13: Standard Phrase Category Waste GHS information was modified.  
Section 14: Class/Div Group 2 information was added.  
Section 14: IERG Group 1 information was added.  
Section 14: IERG Group 2 information was added.  
Section 14: Marine Pollutant Technical Name information was added.  
Section 14: Packing Group Group 1 information was added.  
Section 14: Packing Group Group 2 information was added.  
Section 14: Special Instructions ADG Group 1 information was added.  
Section 14: Special Instructions Group 2 information was added.  
Section 14: Special Instructions IATA Group 1 information was added.  
Section 14: Special Instructions IATA Group 2 information was added.  
Section 14: Special Instructions IMDG Group 1 information was added.  
Section 14: Special Instructions IMDG Group 2 information was added.  
Section 14: Transport Class/Div Group 1 information was added.  
Section 14: Transportation information information was deleted.  
Section 14: Transportation Sub Risk Group 1 information was added.  
Section 14: Transportation Sub Risk Group 2 information was added.  
Section 14: UN Number IATA Group 1 information was added.  
Section 14: UN Number IATA Group 2 information was added.  
Section 14: UN Number information was added.  
Section 14: UN Proper Shipping Name Group 1 information was added.  
Section 14: UN Proper Shipping Name Group 2 information was added.  
Section 14: UN Proper Shipping Name IATA Group 1 information was added.  
Section 14: UN Proper Shipping Name IATA Group 2 information was added.  
Section 15: NZ Inventories information information was added.  
Section 16: NZ reason for reissue information was added.

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