



## Safety Data Sheet

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|                                       |                   |                         |            |
|---------------------------------------|-------------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

3M Scotchgard 1014 Cleaner For Fabric and Upholstery

#### Product Identification Numbers

GT-5000-6951-0

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Identified uses

Cleaner for fabric.

#### 1.3. Details of the supplier of the safety data sheet

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**Telephone:** +44 (0)1344 858 000  
**E Mail:** tox.uk@mmm.com  
**Website:** www.3M.com/uk

#### 1.4. Emergency telephone number

+44 (0)1344 858 000

### SECTION 2: Hazard identification

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

CLP REGULATION (EC) No 1272/2008

##### CLASSIFICATION:

Aerosol, Category 3 - Aerosol 3; H229

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

##### SIGNAL WORD

**3M Scotchgard 1014 Cleaner For Fabric and Upholstery**

WARNING.

**HAZARD STATEMENTS:**

H229 Pressurised container. may burst if heated.

H412 Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS****Prevention:**P210A Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 Do not pierce or burn, even after use.**Storage:**

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.

**Disposal:**

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

1% of the mixture consists of components of unknown acute oral toxicity.

9% of the mixture consists of components of unknown acute dermal toxicity.

11% of the mixture consists of components of unknown acute inhalation toxicity.

Contains 1% of components with unknown hazards to the aquatic environment.

**Notes on labelling**

Updated per Regulation (EC) No. 648/2004 on detergents.

Ingredients required per 648/2004: &lt;5%: Anionic surfactants, Nonionic surfactant, polycarboxylate. Contains: Perfumes.

5% by mass of the contents are flammable.

**2.3. Other hazards**

None known.

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

| Ingredient  | CAS Nbr      | EU Inventory     | % by Wt | Classification  |
|---|--------------|------------------|---------|---|
| Non-Hazardous Ingredients   | Mixture      |                  | 85 - 90 |   |
| Isobutane   | 75-28-5      | EINECS 200-857-2 | 3 - 7   | Flam. Gas 1, H220; Liquified gas, H280 - Nota C,U (CLP)   |
| Organic acid ester salt   | Trade Secret |                  | 1 - 5   |   |
| Sodium dodecyl sulphate   | 151-21-3     | EINECS 205-788-1 | 1 - 5   | Acute Tox. 3, H311; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT SE 3, H335; Aquatic Acute 1, H400,M=1 (Self Classified) |
| 2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, ammonium salt | 52720-34-0   |                  | 0 - 3   |   |
| 1,1-Difluoroethane  | 75-37-6      | EINECS 200-866-1 | 1 - 3   | Flam. Gas 1, H220; Liquified gas, H280; STOT SE 3, H336 (Self Classified)   |
| 2-Butoxyethanol   | 111-76-2     | EINECS 203-905-0 | < 0.5   | Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 4, H302;   |

### 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

|                            |           |                  |        |  |
|----------------------------|-----------|------------------|--------|--|
|                            |           |                  |        | Skin Irrit. 2, H315; Eye Irrit. 2, H319 (CLP)  |
| Sodium nitrite             | 7632-00-0 | EINECS 231-555-9 | < 0.2  | Ox. Sol. 3, H272; Acute Tox. 3, H301; Aquatic Acute 1, H400,M=1 (CLP)<br>Aquatic Chronic 1, H410,M=1 (Self Classified) |
| Morpholine                 | 110-91-8  | EINECS 203-815-1 | < 0.2  | Flam. Liq. 3, H226; Acute Tox. 3, H311; Acute Tox. 4, H332; Acute Tox. 4, H302; Skin Corr. 1B, H314 (CLP)              |
| Dodecyldimethylamine oxide | 1643-20-5 | EINECS 216-700-6 | < 0.17 | Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)   |

Please see section 16 for the full text of any H statements referred to in this section

Please refer to section 15 for any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

## 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 signs/symptoms develop, 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. Extinguishing media

Material will not burn. Use a fire fighting agent suitable for the surrounding fire. Refer to other precautionary advice in SDS section 5.

### 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

#### Substance

Carbon monoxide.  
Carbon dioxide.

#### Condition

During combustion.  
During combustion.

## 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

Hydrogen Fluoride  
Oxides of sulphur.  
Toxic vapour, gas, particulate.

During combustion.  
During combustion.  
During combustion.

### 5.3. Advice 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.

## 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. 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 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 closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

### 6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid inhalation of thermal decomposition products. Do not use in a confined area with minimal air exchange. 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. Avoid release to the environment.

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

No special storage requirements. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store away from heat.

### 7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

## 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

### 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

for the component.

| <b>Ingredient</b> | <b>CAS Nbr</b> | <b>Agency</b> | <b>Limit type</b>  | <b>Additional comments</b> |
|-------------------|----------------|---------------|--|----------------------------|
| Morpholine        | 110-91-8       | UK HSC        | TWA: 36 mg/m <sup>3</sup> (10 ppm);<br>STEL: 72 mg/m <sup>3</sup> (20 ppm)   | Skin Notation              |
| 2-Butoxyethanol   | 111-76-2       | UK HSC        | TWA:123 mg/m <sup>3</sup> (25<br>ppm);STEL:246 mg/m <sup>3</sup> (50<br>ppm) | Skin Notation              |

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

#### Biological limit values

| <b>Ingredient</b> | <b>CAS Nbr</b> | <b>Agency</b>    | <b>Determinant</b> | <b>Biological Specimen</b> | <b>Sampling Time</b> | <b>Value</b> | <b>Additional comments</b> |
|-------------------|----------------|------------------|--------------------|----------------------------|----------------------|--------------|----------------------------|
| 2-Butoxyethanol   | 111-76-2       | UK EH40<br>BMGVs | Butoxyacetic acid  | Creatinine in urine        | EOS                  | 240 mmol/mol |                            |

UK EH40 BMGVs : UK. EH40 Biological Monitoring Guidance Values (BMGVs)

EOS: End of shift.

## 8.2. Exposure controls

### 8.2.1. Engineering controls

Provide appropriate local exhaust when product is heated. Do not remain in area where available oxygen may be reduced. 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:

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:

| <b>Material</b>  | <b>Thickness (mm)</b> | <b>Breakthrough Time</b> |
|------------------|-----------------------|--------------------------|
| Polymer laminate | No data available     | No data available        |

#### 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:

During heating:

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.

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates

## 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

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

## SECTION 9: Physical and chemical properties

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

|  |   |
|--|---|
| Physical state                         | Liquid.   |
| Specific Physical Form:                | Aerosol   |
| Appearance/Odour                       | Liquid mixture in aerosol container, dispenses white foam with slight odour of ammonia. |
| Odour threshold                        | <i>No data available.</i>   |
| pH                                     | 9.2   |
| Boiling point/boiling range            | 100 °C [ <i>Details:</i> (Liquid product)]  |
| Melting point                          | <i>Not applicable.</i>  |
| Flammability (solid, gas)              | Not applicable.   |
| Explosive properties                   | Not classified  |
| Oxidising properties                   | Not classified  |
| Flash point                            | No flash point  |
| Autoignition temperature               | <i>Not applicable.</i>  |
| Flammable Limits(LEL)                  | <i>Not applicable.</i>  |
| Flammable Limits(UEL)                  | <i>Not applicable.</i>  |
| Vapour pressure                        | 2,399.8 Pa [ <i>@ 20 °C</i> ] [ <i>Details:</i> (Liquid product)]                       |
| Relative density                       | 1 [ <i>Ref Std:</i> WATER=1] [ <i>Details:</i> (Liquid product)]                        |
| Water solubility                       | Complete  |
| Solubility- non-water                  | <i>No data available.</i>   |
| Partition coefficient: n-octanol/water | <i>No data available.</i>   |
| Evaporation rate                       | <i>Not applicable.</i>  |
| Vapour density                         | <i>Not applicable.</i>  |
| Decomposition temperature              | <i>No data available.</i>   |
| Viscosity                              | <i>No data available.</i>   |
| Density                                | 1 g/ml [ <i>Details:</i> (Liquid product)]  |

### 9.2. Other information

|   |                           |
|---|---------------------------|
| Volatile organic compounds (VOC)            | approximately 4.8 %       |
| Percent volatile                            | approximately 94 %        |
| VOC less H <sub>2</sub> O & exempt solvents | <i>No data available.</i> |

## 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

Heat.

### 10.5 Incompatible materials

None known.

## 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

### 10.6 Hazardous decomposition products

#### Substance

None known.

#### Condition

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 agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

### 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 localised redness, swelling, itching, and dryness.

#### **Eye contact**

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

#### **Ingestion**

No known health effects.

#### **Additional Health Effects:**

#### **Single exposure may cause target organ effects:**

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   | Inhalation-Vapor(4 hr)   |         | No data available; calculated ATE >50 mg/l     |
| Overall product   | Ingestion                |         | No data available; calculated ATE >5,000 mg/kg |
| Isobutane   | Inhalation-Gas (4 hours) | Rat     | LC50 276,000 ppm                               |
| 2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, ammonium salt | Ingestion                |         | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| Sodium dodecyl sulphate   | Inhalation-              |         | LC50 > 0.975 mg/l                              |

**3M Scotchgard 1014 Cleaner For Fabric and Upholstery**

|                             | Dust/Mist                  |        |                                   |
|-----------------------------|----------------------------|--------|-----------------------------------|
| Sodium dodecyl sulphate     | Dermal                     | Rabbit | LD50 580 mg/kg                    |
| Sodium dodecyl sulphate     | Ingestion                  | Rat    | LD50 1,650 mg/kg                  |
| 1,1-Difluoroethane          | Inhalation-Gas (4 hours)   | Rat    | LC50 > 437,000 ppm                |
| 1,1-Difluoroethane          | Ingestion                  | Rat    | LD50 > 1,500 mg/kg                |
| 2-Butoxyethanol             | Dermal                     | Rabbit | LD50 400 mg/kg                    |
| 2-Butoxyethanol             | Inhalation-Vapor (4 hours) | Rat    | LC50 2.2 mg/l                     |
| 2-Butoxyethanol             | Ingestion                  | Rat    | LD50 560 mg/kg                    |
| Morpholine                  | Dermal                     | Rabbit | LD50 310 mg/kg                    |
| Morpholine                  | Inhalation-Vapor           | Rat    | LC50 estimated to be 10 - 20 mg/l |
| Morpholine                  | Ingestion                  | Rat    | LD50 1,050 mg/kg                  |
| Dodecyl dimethylamine oxide | Ingestion                  | Mouse  | LD50 2,700 mg/kg                  |
| Dodecyl dimethylamine oxide | Dermal                     | Rabbit | LD50 3,536 mg/kg                  |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                    | Species                 | Value                     |
|-------------------------|-------------------------|---------------------------|
| Isobutane               | Professional judgement  | No significant irritation |
| Sodium dodecyl sulphate | Rabbit                  | Irritant                  |
| 2-Butoxyethanol         | Rabbit                  | Irritant                  |
| Morpholine              | official classification | Corrosive                 |

**Serious Eye Damage/Irritation**

| Name                    | Species                | Value                     |
|-------------------------|------------------------|---------------------------|
| Isobutane               | Professional judgement | No significant irritation |
| Sodium dodecyl sulphate | Rabbit                 | Corrosive                 |
| 2-Butoxyethanol         | Rabbit                 | Severe irritant           |
| Morpholine              | Rabbit                 | Corrosive                 |

**Skin Sensitisation**

| Name            | Species    | Value           |
|-----------------|------------|-----------------|
| 2-Butoxyethanol | Guinea pig | Not sensitising |
| Morpholine      | Guinea pig | Not sensitising |

**Respiratory Sensitisation**

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

**Germ Cell Mutagenicity**

| Name               | Route    | Value  |
|--------------------|----------|--|
| Isobutane          | In Vitro | Not mutagenic  |
| 1,1-Difluoroethane | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 1,1-Difluoroethane | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| 2-Butoxyethanol    | In Vitro | Some positive data exist, but the data are not sufficient for classification |



### 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

|            |          |  |
|------------|----------|--|
| Morpholine | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Morpholine | In vivo  | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name               | Route      | Species                 | Value  |
|--------------------|------------|-------------------------|--|
| 1,1-Difluoroethane | Inhalation | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| 2-Butoxyethanol    | Inhalation | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |
| Morpholine         | Ingestion  | Multiple animal species | Not carcinogenic   |
| Morpholine         | Inhalation | Rat                     | Not carcinogenic   |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name               | Route      | Value  | Species                 | Test result           | Exposure Duration    |
|--------------------|------------|--|-------------------------|-----------------------|----------------------|
| 1,1-Difluoroethane | Inhalation | Not toxic to female reproduction   | Rat                     | NOAEL 25,000 ppm      | 2 years              |
| 1,1-Difluoroethane | Inhalation | Not toxic to male reproduction   | Rat                     | NOAEL 25,000 ppm      | 2 years              |
| 1,1-Difluoroethane | Inhalation | Not toxic to development   | Rat                     | NOAEL 50,000 ppm      | during organogenesis |
| 2-Butoxyethanol    | Dermal     | Not toxic to development   | Rat                     | NOAEL 1,760 mg/kg/day | during gestation     |
| 2-Butoxyethanol    | Ingestion  | Some positive developmental data exist, but the data are not sufficient for classification | Rat                     | NOAEL 100 mg/kg/day   | during organogenesis |
| 2-Butoxyethanol    | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 0.48 mg/l       | during organogenesis |

### 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            | All data are negative  | Mouse                   | NOAEL Not available |                        |
| Sodium dodecyl sulphate | Inhalation | respiratory irritation            | May cause respiratory irritation   | similar health hazards  | NOAEL Not available |                        |
| 1,1-Difluoroethane      | Inhalation | cardiac sensitization             | Causes damage to organs  | Human and animal        | NOAEL Not available | poisoning and/or abuse |
| 1,1-Difluoroethane      | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human and animal        | NOAEL 100,000 ppm   |                        |
| 1,1-Difluoroethane      | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Not available           | NOAEL Not available | not available          |
| 2-Butoxyethanol         | Dermal     | endocrine system                  | Some positive data exist, but the data are not sufficient for classification | Rabbit                  | NOAEL 902 mg/kg     | 6 hours                |

### 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

|                 |            |                                   |  |                         |                     |                        |
|-----------------|------------|-----------------------------------|--|-------------------------|---------------------|------------------------|
| 2-Butoxyethanol | Dermal     | liver                             | Some positive data exist, but the data are not sufficient for classification | Rabbit                  | LOAEL 72 mg/kg      | not available          |
| 2-Butoxyethanol | Dermal     | kidney and/or bladder             | Some positive data exist, but the data are not sufficient for classification | Rabbit                  | LOAEL 451 mg/kg     | 6 hours                |
| 2-Butoxyethanol | Dermal     | blood                             | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL Not available | not available          |
| 2-Butoxyethanol | Inhalation | blood                             | May cause damage to organs   | Multiple animal species | NOAEL Not available | not available          |
| 2-Butoxyethanol | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human                   | NOAEL Not available |                        |
| 2-Butoxyethanol | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                        |
| 2-Butoxyethanol | Ingestion  | blood                             | Causes damage to organs  | Human                   | NOAEL Not available | poisoning and/or abuse |
| 2-Butoxyethanol | Ingestion  | kidney and/or bladder             | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available | poisoning and/or abuse |
| Morpholine      | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification |                         | 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   | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 4,500 ppm     | 13 weeks              |
| 1,1-Difluoroethane | Inhalation | hematopoietic system   kidney and/or bladder   respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 25,000 ppm    | 2 years               |
| 2-Butoxyethanol    | Dermal     | blood   | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL Not available | not available         |
| 2-Butoxyethanol    | Dermal     | endocrine system  | All data are negative  | Rabbit                  | NOAEL 150 mg/kg/day | 90 days               |
| 2-Butoxyethanol    | Inhalation | blood   | May cause damage to organs though prolonged or repeated exposure             | Rat                     | NOAEL 0.12 mg/l     | 90 days               |
| 2-Butoxyethanol    | Inhalation | liver   | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 2.4 mg/l      | 14 weeks              |
| 2-Butoxyethanol    | Inhalation | kidney and/or bladder   | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 0.15 mg/l     | 14 weeks              |
| 2-Butoxyethanol    | Inhalation | endocrine system  | Some positive data exist, but the data are not sufficient for classification | Dog                     | LOAEL 1.9 mg/l      | 8 days                |
| 2-Butoxyethanol    | Ingestion  | blood   | Causes damage to organs through prolonged or repeated exposure               | Multiple animal species | NOAEL Not available | not available         |
| 2-Butoxyethanol    | Ingestion  | kidney and/or bladder   | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL Not available | not available         |
| Morpholine         | Dermal     | liver   kidney and/or bladder                                     | Some positive data exist, but the data are not sufficient for classification | Guinea pig              | LOAEL 900 mg/kg/day | 13 days               |
| Morpholine         | Dermal     | hematopoietic system  | All data are negative  | Guinea pig              | NOAEL 900 mg/kg/day | 13 days               |
| Morpholine         | Inhalation | eyes  | Causes damage to organs through prolonged or repeated exposure               | Human                   | NOAEL Not available | occupational exposure |
| Morpholine         | Inhalation | respiratory system  | May cause damage to organs though prolonged or repeated                      | Rat                     | NOAEL 0.09 mg/l     | 13 weeks              |

**3M Scotchgard 1014 Cleaner For Fabric and Upholstery**

|            |            |                               |  |     |                     |           |
|------------|------------|-------------------------------|--|-----|---------------------|-----------|
| Morpholine | Inhalation | liver   kidney and/or bladder | exposure<br>Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 64 mg/l       | 5 days    |
| Morpholine | Inhalation | heart   endocrine system      | All data are negative  | Rat | NOAEL 0.9 mg/l      | 13 weeks  |
| Morpholine | Inhalation | nervous system                | All data are negative  | Rat | NOAEL 0.53 mg/l     | 104 weeks |
| Morpholine | Ingestion  | kidney and/or bladder         | May cause damage to organs though prolonged or repeated exposure                         | Rat | LOAEL 160 mg/kg/day | 30 days   |
| Morpholine | Ingestion  | liver   respiratory system    | Some positive data exist, but the data are not sufficient for classification             | Rat | NOAEL 160 mg/kg/day | 30 days   |
| Morpholine | Ingestion  | hematopoietic system          | Some positive data exist, but the data are not sufficient for classification             | Rat | NOAEL 800 mg/kg/day | 30 days   |
| Morpholine | Ingestion  | endocrine system              | Some positive data exist, but the data are not sufficient for classification             | Rat | NOAEL 323 mg/kg/day | 4 weeks   |

**Aspiration Hazard**

For the component/components, either no data is currently available or the data is 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 agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**12.1. Toxicity**

No product test data available.

| Material  | CAS Nbr    | Organism    | Type  | Exposure | Test endpoint | Test result |
|---|------------|-------------|---|----------|---------------|-------------|
| 2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, ammonium salt | 52720-34-0 |             | Data not available or insufficient for classification |          |               |             |
| Dodecyldimethylamine oxide  | 1643-20-5  | Green algae | Experimental  | 72 hours | EC50          | 0.11 mg/l   |
| Dodecyldimethylamine oxide  | 1643-20-5  | Ricefish    | Experimental  | 96 hours | LC50          | 29.9 mg/l   |
| Dodecyldimethylamine oxide  | 1643-20-5  | Water flea  | Experimental  | 48 hours | EC50          | 2.2 mg/l    |
| Dodecyldimethylamine oxide  | 1643-20-5  | Water flea  | Experimental  | 21 days  | NOEC          | 0.36 mg/l   |
| Dodecyldimethylamine oxide  | 1643-20-5  | Green algae | Experimental  | 72 hours | NOEC          | 0.0049 mg/l |
| Sodium nitrite  | 7632-00-0  | Algae other | Experimental  | 72 hours | EC50          | >100 mg/l   |
| Sodium nitrite  | 7632-00-0  | Crustacea   | Experimental  | 48 hours | LC50          | 7.5 mg/l    |

**3M Scotchgard 1014 Cleaner For Fabric and Upholstery**

|                           |              |               |   |          |      |             |
|---------------------------|--------------|---------------|---|----------|------|-------------|
| Sodium nitrite            | 7632-00-0    | Rainbow trout | Experimental  | 96 hours | LC50 | 0.19 mg/l   |
| Organic acid ester salt   | Trade Secret |               | Data not available or insufficient for classification |          |      |             |
| Isobutane                 | 75-28-5      |               | Data not available or insufficient for classification |          |      |             |
| 1,1-Difluoroethane        | 75-37-6      | Rainbow trout | Estimated   | 96 hours | LC50 | 450 mg/l    |
| 1,1-Difluoroethane        | 75-37-6      | Water flea    | Estimated   | 48 hours | EC50 | 980 mg/l    |
| Sodium dodecyl sulphate   | 151-21-3     | Fish          | Experimental  | 96 hours | LC50 | 0.59 mg/l   |
| Sodium dodecyl sulphate   | 151-21-3     | Water flea    | Experimental  | 48 hours | LC50 | 1.4 mg/l    |
| Sodium dodecyl sulphate   | 151-21-3     | Green algae   | Experimental  | 96 hours | EC50 | 117 mg/l    |
| Sodium dodecyl sulphate   | 151-21-3     | Water flea    | Experimental  | 40 days  | NOEC | 2 mg/l      |
| Non-Hazardous Ingredients | Mixture      |               | Field   |          | LC50 | >1,001 mg/l |
| Morpholine                | 110-91-8     | Green algae   | Experimental  | 96 hours | EC50 | 28 mg/l     |
| Morpholine                | 110-91-8     | Rainbow trout | Experimental  | 96 hours | LC50 | 380 mg/l    |
| Morpholine                | 110-91-8     | Water flea    | Experimental  | 48 hours | EC50 | 45 mg/l     |
| Morpholine                | 110-91-8     | Water flea    | Experimental  | 21 days  | NOEC | 5 mg/l      |
| 2-Butoxyethanol           | 111-76-2     | Green Algae   | Experimental  | 72 hours | EC50 | >1,000 mg/l |
| 2-Butoxyethanol           | 111-76-2     | Rainbow trout | Experimental  | 96 hours | LC50 | 1,474 mg/l  |
| 2-Butoxyethanol           | 111-76-2     | Water flea    | Experimental  | 48 hours | EC50 | 1,550 mg/l  |
| 2-Butoxyethanol           | 111-76-2     | Crustacea     | Experimental  | 96 hours | EC50 | 89.4 mg/l   |
| 2-Butoxyethanol           | 111-76-2     | Water flea    | Experimental  | 21 days  | NOEC | 100 mg/l    |
| 2-Butoxyethanol           | 111-76-2     | Green Algae   | Experimental  | 72 hours | NOEC | 130 mg/l    |

**12.2. Persistence and degradability**

| Material  | CAS Nbr    | Test type   | Duration | Study Type | Test result | Protocol |
|---|------------|---|----------|------------|-------------|----------|
| 2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)be | 52720-34-0 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A      |

**3M Scotchgard 1014 Cleaner For Fabric and Upholstery**

|                            |              |   |         |                                |                   |                                |
|----------------------------|--------------|---|---------|--------------------------------|-------------------|--------------------------------|
| nzene,<br>ammonium salt    |              |   |         |                                |                   |                                |
| Dodecyldimethylamine oxide | 1643-20-5    | Experimental Biodegradation                           | 28 days | BOD                            | 82 % weight       | OECD 301C - MITI test (I)      |
| Sodium nitrite             | 7632-00-0    | Data not available or insufficient for classification | N/A     | N/A                            | N/A               | N/A                            |
| Organic acid ester salt    | Trade Secret | Data not available or insufficient for classification | N/A     | N/A                            | N/A               | N/A                            |
| Isobutane                  | 75-28-5      | Experimental Photolysis                               |         | Photolytic half-life (in air)  | 13.7 days (t 1/2) | Other methods                  |
| 1,1-Difluoroethane         | 75-37-6      | Estimated Biodegradation                              | 28 days | BOD                            | 4 % weight        | OECD 301D - Closed bottle test |
| Sodium dodecyl sulphate    | 151-21-3     | Experimental Biodegradation                           | 14 days | BOD                            | 70 % weight       | OECD 301C - MITI test (I)      |
| Non-Hazardous Ingredients  | Mixture      | Data not available or insufficient for classification | N/A     | N/A                            | N/A               | N/A                            |
| Morpholine                 | 110-91-8     | Experimental Biodegradation                           | 28 days | Dissolv. Organic Carbon Deplet | 93 % weight       | OECD 301E - Modified OECD Scre |
| 2-Butoxyethanol            | 111-76-2     | Experimental Biodegradation                           | 14 days | BOD                            | 96 % weight       | OECD 301C - MITI test (I)      |

**12.3 : Bioaccumulative potential**

| Material  | CAS Nbr      | Test type   | Duration | Study Type             | Test result | Protocol      |
|---|--------------|---|----------|------------------------|-------------|---------------|
| 2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl)benzene, ammonium salt | 52720-34-0   | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A           |
| Sodium nitrite  | 7632-00-0    | Laboratory Bioconcentration                           |          | Log Kow                | -3.7        | Other methods |
| Organic acid ester salt   | Trade Secret | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A           |
| Isobutane   | 75-28-5      | Experimental BCF - Other                              |          | Bioaccumulation factor | 1.97        | Other methods |
| 1,1-Difluoroethane  | 75-37-6      | Experimental Bioconcentration                         |          | Log Kow                | 0.75        | Other methods |
| Sodium dodecyl sulphate   | 151-21-3     | Experimental Bioconcentration                         |          | Log Kow                | 1.6         | Other methods |

### 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

|                           |          |   |         |                        |      |                                |
|---------------------------|----------|---|---------|------------------------|------|--------------------------------|
| Non-Hazardous Ingredients | Mixture  | Data not available or insufficient for classification | N/A     | N/A                    | N/A  | N/A                            |
| Morpholine                | 110-91-8 | Experimental BCF - Other                              | 42 days | Bioaccumulation factor | <2.8 | OECD 305C-Bioaccum degree fish |
| 2-Butoxyethanol           | 111-76-2 | Experimental Bioconcentration                         |         | Log Kow                | 0.83 | Other methods                  |

#### 12.4. Mobility in soil

Please contact manufacturer for more details

#### 12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

#### 12.6. Other adverse effects

No information available.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

## SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Facility must be capable of handling aerosol cans. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. 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.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

#### EU waste code (product as sold)

- 16 05 04\* Gases in pressure containers (including halons) containing dangerous substances
- 20 01 29\* Detergents containing dangerous substances

## SECTION 14: Transportation information

GT-5000-6951-0

**ADR/RID:** UN1950, AEROSOLS, LIMITED QUANTITY, 2.2, (E), ADR Classification Code: 5A.

**IMDG-CODE:** UN1950, AEROSOLS, 2., IMDG-Code segregation code: NONE, LIMITED QUANTITY, EMS: FD,SU.

**ICAO/IATA:** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2.

## SECTION 15: Regulatory information

## 3M Scotchgard 1014 Cleaner For Fabric and Upholstery

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

#### Carcinogenicity

| <u>Ingredient</u> | <u>CAS Nbr</u> | <u>Classification</u>   | <u>Regulation</u>                           |
|-------------------|----------------|-------------------------|---|
| 2-Butoxyethanol   | 111-76-2       | Gr. 3: Not classifiable | International Agency for Research on Cancer |
| Morpholine        | 110-91-8       | Gr. 3: Not classifiable | International Agency for Research on Cancer |

#### Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this 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.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

|      |   |
|------|---|
| H220 | Extremely flammable gas.                              |
| H226 | Flammable liquid and vapour.                          |
| H229 | Pressurised container. may burst if heated.           |
| H272 | May intensify fire; oxidiser.                         |
| H280 | Contains gas under pressure; may explode if heated.   |
| H301 | Toxic if swallowed.                                   |
| H302 | Harmful if swallowed.                                 |
| H311 | Toxic in contact with skin.                           |
| H314 | Causes severe skin burns and eye damage.              |
| H315 | Causes skin irritation.                               |
| H318 | Causes serious eye damage.                            |
| H319 | Causes serious eye irritation.                        |
| H331 | Toxic if inhaled.                                     |
| H332 | Harmful if inhaled.                                   |
| H335 | May cause respiratory irritation.                     |
| H336 | May cause drowsiness or dizziness.                    |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects.    |

#### Revision information:

Revision Changes:

Section 01: 1.3. Details of the supplier of the safety data sheet heading information was modified.

Section 3: Composition/ Information of ingredients table information was modified.

Section 12: Component ecotoxicity information information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12: Bioaccumulative potential information information was modified.

Copyright information was modified.

Label: Signal Word information was modified.

Section 8: Occupational exposure limit table information was modified.

OEL Reg Agency Desc information was modified.  
Section 3: Reference to section 15 for Nota info information was modified.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Additional Health Effects heading information was modified.  
Section 11: Skin Sensitization Table information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Health Effects - Skin information information was modified.  
Section 11: Health Effects - Inhalation information information was modified.  
Section 11: Health Effects - Ingestion information information was modified.  
Section 5: Fire - Extinguishing media information information was modified.  
Section 6: Accidental release personal information information was modified.  
Section 8: Personal Protection - Skin/hand information information was modified.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.  
Section 11: Single exposure may cause target organ effects heading information was modified.  
Section 12: Other adverse effects information information was added.  
Section 2: Notes on labelling heading information was added.  
Section 15: Label remarks and EU Detergent information was added.  
Section 8: Occupational exposure limit table information was added.  
CLP Remark(phrase) information was added.  
Section 11: Aspiration Hazard text information was added.  
Section 11: Respiratory Sensitization text information was added.  
Section 11: Skin Sensitization table - Name heading information was added.  
Section 11: Skin Sensitization table - Species heading information was added.  
Section 11: Skin Sensitization table - Value heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Name heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Species heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Value heading information was added.  
Section 11: Skin Corrosion/Irritation table - Name heading information was added.  
Section 11: Skin Corrosion/Irritation table - Species heading information was added.  
Section 11: Skin Corrosion/Irritation table - Value heading information was added.  
Section 11: Germ Cell Mutagenicity table - Name heading information was added.  
Section 11: Germ Cell Mutagenicity table - Route heading information was added.  
Section 11: Germ Cell Mutagenicity table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Exposure Duration heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Exposure Duration heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Name heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Route heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Value heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Species heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Test Result heading information was added.  
Section 11: Reproductive and/or Developmental Effects text information was added.  
Section 11: Carcinogenicity table - Name heading information was added.



### **3M Scotchgard 1014 Cleaner For Fabric and Upholstery**

Section 11: Carcinogenicity table - Route heading information was added.  
Section 11: Carcinogenicity table - Species heading information was added.  
Section 11: Carcinogenicity table - Value heading information was added.  
Section 8: glove data - Material heading information was added.  
Section 8: glove data - Thickness heading information was added.  
Section 8: glove data - Breakthrough Time heading information was added.  
Section 8: glove data value information was added.  
Section 03: Reference to H statement explanation in Section 016 information was added.  
Section 8: Skin protection - recommended gloves information information was deleted.  
Remark (phrase) information was deleted.  
Safety phrase information was deleted.  
Section 16: List of relevant R-phrases information was deleted.  
Section 16: List of relevant R phrase information information was deleted.  
Section 2: Notes on labelling heading information was deleted.  
Section 2: Special provisions concerning the labelling of certain substances heading information was deleted.  
Section 2: Label remarks information was deleted.  
Section 2: EU Detergent Regulation label remarks information was deleted.  
Section 2: Additional label requirements phrase information was deleted.  
Section 15: Ingredient information per Regulation EC No. 648/2004 information was deleted.  
Section 11: Exposure Duration table heading information was deleted.  
Section 11: Test Result table heading information was deleted.  
Section 3: Reference to R and H statement explanation in Section 16 information was deleted.  
Section 2: 2.2 & 2.3. DSD/DPD heading information was deleted.  
Section 2.1: Classification information information was deleted.  
Section 15: Ingredient information per Regulation EC No. 648/2004 heading information was deleted.  
Section 02: EU DPD 'Not applicable' text information was deleted.

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.

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