



## Safety Data Sheet

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|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 42-8410-5  | <b>Version number:</b>  | 1.04       |
| <b>Revision date:</b>  | 09/07/2026 | <b>Supersedes date:</b> | 06/10/2022 |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

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

#### 1.1. Product identifier

Scotchgard (TM) Leather, Suede & Nubuck Protector

#### Product Identification Numbers

UU-0120-4388-9

7100283671

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

##### Identified uses

Consumer

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

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| <b>Address:</b>   | 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT. |
| <b>Telephone:</b> | +44 (0)1344 858 000                                                          |
| <b>E Mail:</b>    | ner-productstewardship@mmm.com                                               |
| <b>Website:</b>   | 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

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

Aspiration hazard classification does not apply due to the spray pattern of the product.

## CLASSIFICATION:

Aerosol, Category 1 - Aerosol 1; H222, H229

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315

Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336

Hazardous to the Aquatic Environment (Chronic), Category 2 - Aquatic Chronic 2; H411

For full text of H phrases, see Section 16.

## 2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

## SIGNAL WORD

DANGER.

## Symbols

GHS02 (Flame) | GHS07 (Exclamation mark) | GHS09 (Environment) |

## Pictograms



| Ingredient                                       | Identifier(s) | EC No.    | % by Wt |
|--------------------------------------------------|---------------|-----------|---------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |               | 927-510-4 | 50 - 70 |

## HAZARD STATEMENTS:

|      |                                                  |
|------|--------------------------------------------------|
| H222 | Extremely flammable aerosol.                     |
| H229 | Pressurised container: may burst if heated.      |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

## PRECAUTIONARY STATEMENTS

### General:

|      |                                |
|------|--------------------------------|
| P102 | Keep out of reach of children. |
|------|--------------------------------|

### Prevention:

|      |                                                                                                |
|------|------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source.                                        |
| P251 | Do not pierce or burn, even after use.                                                         |

### Storage:

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

### Disposal:

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

Contains 2% of components with unknown hazards to the aquatic environment.

## 2.3. Other hazards

May displace oxygen and cause rapid suffocation.

This material does not contain any substances that are assessed to be a PBT or vPvB

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Ingredient                                                            | Identifier(s)                                                               | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB                           |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | (EC-No.) 927-510-4<br>(UK REACH-No.) 01-2119475515-33                       | 50 - 70   | Aquatic Chronic 2, H411<br>Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336 |
| propane                                                               | (CAS-No.) 74-98-6<br>(EC-No.) 200-827-9<br>(UK REACH-No.) 01-2119486944-21  | 7 - 15    | Flam. Gas 1A, H220<br>Liquified gas, H280<br>Nota U                                                          |
| butane                                                                | (CAS-No.) 106-97-8<br>(EC-No.) 203-448-7<br>(UK REACH-No.) 01-2119474691-32 | 7 - 13    | Flam. Gas 1A, H220<br>Liquified gas, H280<br>Nota C,U                                                        |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | (EC-No.) 920-107-4<br>(UK REACH-No.) 01-2119453414-43                       | 5 - 10    | Asp. Tox. 1, H304<br>EUH066                                                                                  |
| n-butyl acetate                                                       | (CAS-No.) 123-86-4<br>(EC-No.) 204-658-1<br>(UK REACH-No.) 01-2119485493-29 | 1 - 2.5   | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>EUH066                                                              |
| ethyl acetate                                                         | (CAS-No.) 141-78-6<br>(EC-No.) 205-500-4<br>(UK REACH-No.) 01-2119475103-46 | 0.5 - 1.5 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH066                                        |

Any entry in the Identifier(s) column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.

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

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

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**Eye contact**

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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**

The most important symptoms and effects based on the GB CLP classification include:

Irritation to the skin (localized redness, swelling, itching, and dryness). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness).

**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**

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.

**5.3. Advice for fire-fighters**

No special protective actions for fire-fighters are anticipated.

## SECTION 6: Accidental release measures

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

Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. 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 vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode.

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

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 an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. 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

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. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. 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 for the component.

| Ingredient      | Identifier(s) | Agency | Limit type                                                                 | Additional comments |
|-----------------|---------------|--------|----------------------------------------------------------------------------|---------------------|
| butane          | 106-97-8      | UK HSE | TWA:1450 mg/m <sup>3</sup> (600 ppm);STEL:1810 mg/m <sup>3</sup> (750 ppm) |                     |
| n-butyl acetate | 123-86-4      | UK HSE | TWA:724 mg/m <sup>3</sup> (150 ppm);STEL:966 mg/m <sup>3</sup> (200 ppm)   |                     |
| ethyl acetate   | 141-78-6      | UK HSE | TWA:734 mg/m <sup>3</sup> (200 ppm);STEL:1468 mg/m <sup>3</sup> (400 ppm)  |                     |
| propane         | 74-98-6       | UK HSE | Limit value not established:                                               | asphyxiant          |

UK HSE : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

#### Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

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.

*Applicable Norms/Standards*

Use eye protection conforming to EN 16321

**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:

| Material         | Thickness (mm)    | Breakthrough Time |
|------------------|-------------------|-------------------|
| Polymer laminate | No data available | No data available |

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

*Applicable Norms/Standards*

Use gloves tested to EN 374

**Respiratory protection**

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:  
Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates  
Half facepiece or full facepiece supplied-air respirator  
Organic vapor cartridges may have short service life.

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

*Applicable Norms/Standards*

Use a respirator conforming to EN 140 or EN 136

Use a respirator conforming to EN 140 or EN 136: filter types A & P

## SECTION 9: Physical and chemical properties

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

|                              |                                |
|------------------------------|--------------------------------|
| Physical state               | Liquid.                        |
| Specific Physical Form:      | Aerosol                        |
| Colour                       | Colourless                     |
| Odor                         | No data available.             |
| Odour threshold              | No data available.             |
| Melting point/freezing point | No data available.             |
| Boiling point/boiling range  | No data available.             |
| Flammability                 | Flammable Aerosol: Category 1. |
| Flammable Limits(LEL)        | No data available.             |
| Flammable Limits(UEL)        | No data available.             |

|                                        |                                             |
|----------------------------------------|---------------------------------------------|
| Flash point                            | No data available.                          |
| Autoignition temperature               | No data available.                          |
| Decomposition temperature              | No data available.                          |
| pH                                     | substance/mixture is non-soluble (in water) |
| Kinematic Viscosity                    | No data available.                          |
| Water solubility                       | No data available.                          |
| Solubility- non-water                  | No data available.                          |
| Partition coefficient: n-octanol/water | No data available.                          |
| Vapour pressure                        | >=300 kPa                                   |
| Density                                | No data available.                          |
| Relative density                       | 0.709 [ @ 20 °C ] [Ref Std:WATER=1]         |
| Relative Vapour Density                | No data available.                          |
| Particle Characteristics               | Not applicable.                             |

## 9.2. Other information

### 9.2.2 Other safety characteristics

|                               |                    |
|-------------------------------|--------------------|
| EU Volatile Organic Compounds | No data available. |
| Evaporation rate              | No data available. |
| Percent volatile              | No data available. |

## 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.

Sparks and/or flames.

### 10.5 Incompatible materials

Not determined

### 10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u>          |
|------------------|---------------------------|
| Carbon monoxide  | At elevated temperatures. |
| Carbon dioxide.  | At elevated temperatures. |

## SECTION 11: Toxicological information

The information below may not agree with the 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 hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.**

## Signs and Symptoms of Exposure

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

### Inhalation

Simple asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal. 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

Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, dryness, cracking, blistering, and pain.

### Eye contact

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

### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

## 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 coloured skin (cyanosis), sputum production, changes in lung function tests, and respiratory failure. Single exposure, above recommended guidelines, may cause: Cardiac Sensitization: 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                                                       | Inhalation-Dust/Mist(4 hr)  |                   | No data available; calculated ATE >12.5 mg/l   |
| Overall product                                                       | Ingestion                   |                   | No data available; calculated ATE >5,000 mg/kg |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Dermal                      | Rabbit            | LD50 > 2,920 mg/kg                             |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Dermal                      | Rat               | LD50 > 2,000 mg/kg                             |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Inhalation-Vapour (4 hours) | Rat               | LC50 > 23.3 mg/l                               |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Inhalation-Vapour (4 hours) | Rat               | LC50 > 5.61 mg/l                               |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Ingestion                   | Rat               | LD50 > 5,840 mg/kg                             |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Ingestion                   | Rat               | LD50 > 5,000 mg/kg                             |
| propane                                                               | Inhalation-Gas (4 hours)    | Rat               | LC50 > 200,000 ppm                             |
| butane                                                                | Inhalation-Gas (4 hours)    | Rat               | LC50 277,000 ppm                               |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | Dermal                      | similar compounds | LD50 > 3,160 mg/kg                             |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2%           | Ingestion                   | similar           | LD50 > 15,000 mg/kg                            |



|                 |                                |           |                     |
|-----------------|--------------------------------|-----------|---------------------|
| aromatics       |                                | compounds |                     |
| n-butyl acetate | Dermal                         | Rabbit    | LD50 > 14,112 mg/kg |
| n-butyl acetate | Inhalation-Dust/Mist (4 hours) | Rat       | LC50 1.8 mg/l       |
| n-butyl acetate | Inhalation-Vapour (4 hours)    | Rat       | LC50 > 21 mg/l      |
| n-butyl acetate | Ingestion                      | Rat       | LD50 > 10,760 mg/kg |
| ethyl acetate   | Dermal                         | Rabbit    | LD50 > 18,000 mg/kg |
| ethyl acetate   | Inhalation-Vapour (4 hours)    | Rat       | LC50 70.5 mg/l      |
| ethyl acetate   | Ingestion                      | Rat       | LD50 5,620 mg/kg    |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name                                                                  | Species                | Value                     |
|-----------------------------------------------------------------------|------------------------|---------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Rabbit                 | Irritant                  |
| propane                                                               | Rabbit                 | Minimal irritation        |
| butane                                                                | Professional judgement | No significant irritation |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | similar compounds      | Mild irritant             |
| n-butyl acetate                                                       | Rabbit                 | No significant irritation |
| ethyl acetate                                                         | Rabbit                 | Minimal irritation        |

### Serious Eye Damage/Irritation

| Name                                                                  | Species           | Value                     |
|-----------------------------------------------------------------------|-------------------|---------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Rabbit            | No significant irritation |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Rabbit            | Mild irritant             |
| propane                                                               | Rabbit            | Mild irritant             |
| butane                                                                | Rabbit            | No significant irritation |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | similar compounds | No significant irritation |
| n-butyl acetate                                                       | Human             | Mild irritant             |
| ethyl acetate                                                         | Rabbit            | Mild irritant             |

### Skin Sensitisation

| Name                                                                  | Species                 | Value          |
|-----------------------------------------------------------------------|-------------------------|----------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Guinea pig              | Not classified |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | similar compounds       | Not classified |
| n-butyl acetate                                                       | Multiple animal species | Not classified |
| ethyl acetate                                                         | Guinea pig              | Not classified |

### 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         |
|-----------------------------------------------------------------------|----------|---------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | In Vitro | Not mutagenic |
| propane                                                               | In Vitro | Not mutagenic |
| butane                                                                | In Vitro | Not mutagenic |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | In Vitro | Not mutagenic |
| n-butyl acetate                                                       | In Vitro | Not mutagenic |
| ethyl acetate                                                         | In Vitro | Not mutagenic |
| ethyl acetate                                                         | In vivo  | Not mutagenic |

### Carcinogenicity

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

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name                                             | Route          | Value                                  | Species | Test result         | Exposure Duration |
|--------------------------------------------------|----------------|----------------------------------------|---------|---------------------|-------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Not specified. | Not classified for female reproduction | Rat     | NOAEL Not available | 2 generation      |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Not specified. | Not classified for male reproduction   | Rat     | NOAEL Not available | 2 generation      |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Not specified. | Not classified for development         | Rat     | NOAEL Not available | 2 generation      |
| n-butyl acetate                                  | Inhalation     | Not classified for female reproduction | Rat     | NOAEL 9.5 mg/l      | 2 generation      |
| n-butyl acetate                                  | Inhalation     | Not classified for male reproduction   | Rat     | NOAEL 9.5 mg/l      | 2 generation      |
| n-butyl acetate                                  | Inhalation     | Not classified for development         | Rat     | NOAEL 3.6 mg/l      | 2 generation      |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name                                             | Route      | Target Organ(s)                   | Value                                                                        | Species                | Test result         | Exposure Duration |
|--------------------------------------------------|------------|-----------------------------------|------------------------------------------------------------------------------|------------------------|---------------------|-------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human and animal       | NOAEL Not available |                   |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available |                   |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Professional judgement | NOAEL Not available |                   |
| propane                                          | Inhalation | cardiac sensitisation             | Causes damage to organs                                                      | Human                  | NOAEL Not available |                   |
| propane                                          | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available |                   |
| propane                                          | Inhalation | respiratory irritation            | Not classified                                                               | Human                  | NOAEL Not available |                   |
| butane                                           | Inhalation | cardiac sensitisation             | Causes damage to organs                                                      | Human                  | NOAEL Not available |                   |
| butane                                           | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human and animal       | NOAEL Not available |                   |
| butane                                           | Inhalation | heart                             | Not classified                                                               | Dog                    | NOAEL 5,000 ppm     | 25 minutes        |
| butane                                           | Inhalation | respiratory irritation            | Not classified                                                               | Rabbit                 | NOAEL Not available |                   |

**Scotchgard (TM) Leather, Suede & Nubuck Protector**

|                                                                       |            |                                   |                                                                              |                        |                     |               |
|-----------------------------------------------------------------------|------------|-----------------------------------|------------------------------------------------------------------------------|------------------------|---------------------|---------------|
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |               |
| n-butyl acetate                                                       | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available | not available |
| n-butyl acetate                                                       | Inhalation | respiratory irritation            | May cause respiratory irritation                                             | Human                  | NOAEL Not available | not available |
| n-butyl acetate                                                       | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Professional judgement | NOAEL Not available |               |
| ethyl acetate                                                         | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available |               |
| ethyl acetate                                                         | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                  | NOAEL Not available |               |
| ethyl acetate                                                         | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available |               |

**Specific Target Organ Toxicity - repeated exposure**

| Name            | Route      | Target Organ(s)                                                                          | Value          | Species | Test result           | Exposure Duration |
|-----------------|------------|------------------------------------------------------------------------------------------|----------------|---------|-----------------------|-------------------|
| butane          | Inhalation | kidney and/or bladder   blood                                                            | Not classified | Rat     | NOAEL 4,489 ppm       | 90 days           |
| n-butyl acetate | Inhalation | endocrine system   hematopoietic system   liver   nervous system   kidney and/or bladder | Not classified | Rat     | NOAEL 9.6 mg/l        | 13 weeks          |
| n-butyl acetate | Inhalation | gastrointestinal tract   respiratory system                                              | Not classified | Rat     | NOAEL 4.8 mg/l        | 13 weeks          |
| n-butyl acetate | Inhalation | heart   bone, teeth, nails, and/or hair   immune system   eyes   vascular system         | Not classified | Rat     | NOAEL 9.6 mg/l        | 13 weeks          |
| ethyl acetate   | Inhalation | endocrine system   liver   nervous system                                                | Not classified | Rat     | NOAEL 0.043 mg/l      | 90 days           |
| ethyl acetate   | Inhalation | hematopoietic system                                                                     | Not classified | Rabbit  | LOAEL 16 mg/l         | 40 days           |
| ethyl acetate   | Ingestion  | hematopoietic system   liver   kidney and/or bladder                                     | Not classified | Rat     | NOAEL 3,600 mg/kg/day | 90 days           |

**Aspiration Hazard**

| Name                                                                  | Value             |
|-----------------------------------------------------------------------|-------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | Aspiration hazard |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | Aspiration hazard |

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.

**11.2. Information on other hazards**

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

**SECTION 12: Ecological information**

The information below may not agree with the 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                                                              | Identifier(s) | Organism         | Type                                                  | Exposure | Test endpoint | Test result |
|-----------------------------------------------------------------------|---------------|------------------|-------------------------------------------------------|----------|---------------|-------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Green algae      | Analogous Compound                                    | 72 hours | EL50          | 29 mg/l     |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Medaka           | Analogous Compound                                    | 96 hours | LC50          | 0.561 mg/l  |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Water flea       | Analogous Compound                                    | 48 hours | EC50          | 0.4 mg/l    |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Green algae      | Estimated                                             | 72 hours | EL50          | 29 mg/l     |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Water flea       | Estimated                                             | 48 hours | EL50          | 3 mg/l      |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Rainbow trout    | Experimental                                          | 96 hours | LL50          | >13.4 mg/l  |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Green algae      | Analogous Compound                                    | 72 hours | NOEL          | 6.3 mg/l    |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Water flea       | Analogous Compound                                    | 21 days  | NOEC          | 0.17 mg/l   |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Green algae      | Estimated                                             | 72 hours | NOEL          | 6.3 mg/l    |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Water flea       | Estimated                                             | 21 days  | NOEL          | 1 mg/l      |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Activated sludge | Analogous Compound                                    | 15 hours | IC50          | 29 mg/l     |
| propane                                                               | 74-98-6       | N/A              | Data not available or insufficient for classification | N/A      | N/A           | N/A         |
| butane                                                                | 106-97-8      | N/A              | Data not available or insufficient for classification | N/A      | N/A           | N/A         |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 920-107-4     | Green algae      | Estimated                                             | 72 hours | EL50          | >1,000 mg/l |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 920-107-4     | Rainbow trout    | Estimated                                             | 96 hours | LL50          | >1,000 mg/l |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 920-107-4     | Water flea       | Estimated                                             | 48 hours | EL50          | >1,000 mg/l |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 920-107-4     | Green algae      | Estimated                                             | 72 hours | NOEL          | 1,000 mg/l  |

|                 |          |                   |                    |          |       |                           |
|-----------------|----------|-------------------|--------------------|----------|-------|---------------------------|
| n-butyl acetate | 123-86-4 | Green algae       | Analogous Compound | 72 hours | ErC50 | 397 mg/l                  |
| n-butyl acetate | 123-86-4 | Fathead minnow    | Experimental       | 96 hours | LC50  | 18 mg/l                   |
| n-butyl acetate | 123-86-4 | Water flea        | Experimental       | 48 hours | EC50  | 44 mg/l                   |
| n-butyl acetate | 123-86-4 | Green algae       | Analogous Compound | 72 hours | NOEC  | 196 mg/l                  |
| n-butyl acetate | 123-86-4 | Water flea        | Analogous Compound | 21 days  | NOEC  | 23.2 mg/l                 |
| n-butyl acetate | 123-86-4 | Ciliated protozoa | Experimental       | 40 hours | IC50  | 356 mg/l                  |
| n-butyl acetate | 123-86-4 | Lettuce           | Experimental       | 14 days  | EC50  | >1,000 mg/kg (Dry Weight) |
| ethyl acetate   | 141-78-6 | Bacteria          | Experimental       | 18 hours | EC10  | 2,900 mg/l                |
| ethyl acetate   | 141-78-6 | Fish              | Experimental       | 96 hours | LC50  | 212.5 mg/l                |
| ethyl acetate   | 141-78-6 | Invertebrate      | Experimental       | 48 hours | EC50  | 165 mg/l                  |
| ethyl acetate   | 141-78-6 | Green algae       | Experimental       | 72 hours | NOEC  | >100 mg/l                 |
| ethyl acetate   | 141-78-6 | Water flea        | Experimental       | 21 days  | NOEC  | 2.4 mg/l                  |

## 12.2. Persistence and degradability

| Material                                                              | Identifier(s) | Test type                         | Duration | Study Type                    | Test result       | Protocol                            |
|-----------------------------------------------------------------------|---------------|-----------------------------------|----------|-------------------------------|-------------------|-------------------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Analogous Compound Biodegradation | 28 days  | BOD                           | 74.4 %BOD/ThOD    | OECD 301F - Manometric respirometry |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                      | 927-510-4     | Estimated Biodegradation          | 28 days  | BOD                           | 98 %BOD/COD       | OECD 301F - Manometric respirometry |
| propane                                                               | 74-98-6       | Experimental Photolysis           |          | Photolytic half-life (in air) | 27.5 days (t 1/2) |                                     |
| butane                                                                | 106-97-8      | Experimental Photolysis           |          | Photolytic half-life (in air) | 12.3 days (t 1/2) |                                     |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 920-107-4     | Estimated Biodegradation          | 28 days  | BOD                           | 67.6 %BOD/ThOD    | OECD 301F - Manometric respirometry |
| n-butyl acetate                                                       | 123-86-4      | Experimental Biodegradation       | 28 days  | BOD                           | 83 %BOD/ThOD      | OECD 301D - Closed bottle test      |
| n-butyl acetate                                                       | 123-86-4      | Experimental Photolysis           |          | Photolytic half-life (in air) | 6.3 days (t 1/2)  |                                     |
| n-butyl acetate                                                       | 123-86-4      | Experimental Hydrolysis           |          | Hydrolytic half-life (pH 7)   | 3.1 years (t 1/2) |                                     |
| ethyl acetate                                                         | 141-78-6      | Experimental Biodegradation       | 14 days  | BOD                           | 94 %BOD/ThOD      | OECD 301C - MITI test (I)           |
| ethyl acetate                                                         | 141-78-6      | Experimental Photolysis           |          | Photolytic half-life (in air) | 20.0 days (t 1/2) |                                     |

## 12.3 : Bioaccumulative potential

| Material                                         | Identifier(s) | Test type                                             | Duration | Study Type             | Test result | Protocol                 |
|--------------------------------------------------|---------------|-------------------------------------------------------|----------|------------------------|-------------|--------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | 927-510-4     | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                      |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | 927-510-4     | Analogous Compound BCF - Fish                         | 28 days  | Bioaccumulation factor | 540         | OECD305-Bioconcentration |
| Hydrocarbons, C7, n-alkanes,                     | 927-510-4     | Analogous Compound                                    |          | Log Kow                | 4.66        |                          |

|                                                                       |           |                                                       |     |         |      |                              |
|-----------------------------------------------------------------------|-----------|-------------------------------------------------------|-----|---------|------|------------------------------|
| isoalkanes, cyclics                                                   |           | Bioconcentration                                      |     |         |      |                              |
| propane                                                               | 74-98-6   | Experimental Bioconcentration                         |     | Log Kow | 2.36 |                              |
| butane                                                                | 106-97-8  | Experimental Bioconcentration                         |     | Log Kow | 2.89 |                              |
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 920-107-4 | Data not available or insufficient for classification | N/A | N/A     | N/A  | N/A                          |
| n-butyl acetate                                                       | 123-86-4  | Experimental Bioconcentration                         |     | Log Kow | 2.3  | OECD 117 log Kow HPLC method |
| ethyl acetate                                                         | 141-78-6  | Experimental Bioconcentration                         |     | Log Kow | 0.68 |                              |

#### 12.4. Mobility in soil

| Material                                         | Identifier(s) | Test type                | Study Type | Test result | Protocol  |
|--------------------------------------------------|---------------|--------------------------|------------|-------------|-----------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | 927-510-4     | Modeled Mobility in Soil | Koc        | ≥202 l/kg   | Episuite™ |
| n-butyl acetate                                  | 123-86-4      | Modeled Mobility in Soil | Koc        | 135 l/kg    | Episuite™ |

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

This material does not contain any substances that are assessed to be a PBT or vPvB

#### 12.6. Other adverse effects

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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

## SECTION 14: Transportation information

|  | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|--|------------------------|----------------------|-------------------------|
|  |                        |                      |                         |

|                                                                   |                                                                        |                                                                        |                                                                        |
|-------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>14.1 - UN Number or ID number</b>                              | UN1950                                                                 | UN1950                                                                 | UN1950                                                                 |
| <b>14.2 UN proper shipping name</b>                               | AEROSOLS                                                               | AEROSOLS, FLAMMABLE                                                    | AEROSOLS                                                               |
| <b>14.3 Transport hazard class(es)</b>                            | 2.1                                                                    | 2.1                                                                    | 2.1                                                                    |
| <b>14.4 Packing group</b>                                         | No data available.                                                     | No data available.                                                     | No data available.                                                     |
| <b>14.5 Environmental hazards</b>                                 | Not Environmentally Hazardous                                          | Not applicable.                                                        | Not a Marine Pollutant                                                 |
| <b>14.6 Special precautions for user</b>                          | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| <b>14.7 Marine Transport in bulk according to IMO instruments</b> | No data available.                                                     | No data available.                                                     | No data available.                                                     |
| <b>Control Temperature</b>                                        | No data available.                                                     | No data available.                                                     | No data available.                                                     |
| <b>Emergency Temperature</b>                                      | No data available.                                                     | No data available.                                                     | No data available.                                                     |
| <b>ADR Classification Code</b>                                    | 5F                                                                     | Not applicable.                                                        | Not applicable.                                                        |
| <b>IMDG Segregation Code</b>                                      | Not applicable.                                                        | Not applicable.                                                        | NONE                                                                   |

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

## 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.

#### COMAH Regulation, SI 2015/483

Seveso hazard categories, Annex 1, Part 1

| Hazard Categories                       | Qualifying quantity (tonnes) for the application of |                         |
|-----------------------------------------|-----------------------------------------------------|-------------------------|
|                                         | Lower-tier requirements                             | Upper-tier requirements |
| E2 Hazardous to the Aquatic environment | 200                                                 | 500                     |

|                        |           |           |
|------------------------|-----------|-----------|
| P3a FLAMMABLE AEROSOLS | 150 (net) | 500 (net) |
|------------------------|-----------|-----------|

Seveso named dangerous substances, Annex 1, Part 2  
None

**Regulation (EU) No 649/2012, as amended for GB**  
No chemicals listed

## 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

## SECTION 16: Other information

### List of relevant H statements

|        |                                                       |
|--------|-------------------------------------------------------|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H220   | Extremely flammable gas.                              |
| H222   | Extremely flammable aerosol.                          |
| H225   | Highly flammable liquid and vapour.                   |
| H226   | Flammable liquid and vapour.                          |
| H229   | Pressurised container: may burst if heated.           |
| H280   | Contains gas under pressure; may explode if heated.   |
| H304   | May be fatal if swallowed and enters airways.         |
| H315   | Causes skin irritation.                               |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |
| H400   | Very toxic to aquatic life.                           |
| H411   | Toxic to aquatic life with long lasting effects.      |
| H412   | Harmful to aquatic life with long lasting effects.    |

### List of Relevant Notas

|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nota C | Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.                                                                                                                                                                                                                                                                                         |
| Nota U | When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.) Press. Gas (Liq.) Press. Gas (Ref. Liq.) Press. Gas (Diss.) Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Nota 2). |

### Revision information:

EU Section 14 - Table Data information was added.  
 EU Section 14 - Table Headers information was added.  
 GB Section 02: CLP Ingredient table information was added.  
 GB Section 02: Other hazards phrase information was added.  
 GB Section 04: First Aid - Symptoms and Effects (GB CLP) information was added.  
 GB Section 04: Information on toxicological effects information was added.  
 GB Section 12: Classification Warning information was added.  
 GB Section 15: Chemical Safety Assessment information was added.  
 Section 1: E-mail address information was modified.  
 CLP: Ingredient table information was deleted.



Label: CLP Percent Unknown information was deleted.  
Section 02: Label Elements: GB Percent Unknown information was added.  
Label: Graphic information was modified.  
Section 2: Other hazards phrase information was deleted.  
Section 3: Composition/ Information of ingredients table information was added.  
Section 3: Composition/ Information of ingredients table information was deleted.  
Section 04: First Aid - Symptoms and Effects (CLP) information was deleted.  
Section 4: First aid for eye contact information information was modified.  
Section 04: Information on toxicological effects information was deleted.  
Section 6: Accidental release personal information information was modified.  
Section 7: Conditions safe storage information was modified.  
Section 8: Occupational exposure limit table information was modified.  
OEL Reg Agency Desc information was modified.  
Section 8: Respiratory protection - recommended respirators information information was modified.  
Section 9: Flammability (solid, gas) information information was deleted.  
Section 09: Flammability information information was added.  
Section 09: Particle Characteristics N/A information was added.  
Section 9: Vapour density value information was modified.  
Section 9: Vapour pressure value information was added.  
Section 9: Vapour pressure value information was deleted.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Carcinogenicity Table information was deleted.  
Section 11: Carcinogenicity text information was added.  
Section 11: Classification disclaimer information was deleted.  
Section 11: GB Classification disclaimer information was added.  
Section 11: GB No endocrine disruptor information available warning information was added.  
Section 11: Germ Cell Mutagenicity Table information was modified.  
Section 11: No endocrine disruptor information available warning information was deleted.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Skin Sensitization Table information was modified.  
Section 11: Target Organs - Repeated Table information was modified.  
Section 11: Target Organs - Single Table information was modified.  
Section 12: 12.6. Endocrine Disrupting Properties information was deleted.  
Section 12: 12.6. Other adverse effects information was added.  
Section 12: 12.7. Other adverse effects information was deleted.  
Section 12: Classification Warning information was deleted.  
Section 12: Component ecotoxicity information information was modified.  
Section 12: Mobility in soil information information was modified.  
Prints No Data if Adverse effects information is not present information was deleted.  
Section 12: No endocrine disruptor information available warning information was added.  
Section 12: No endocrine disruptor information available warning information was deleted.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Biocumulative potential information information was modified.  
Section 13: EU waste code (product as sold) information information was added.  
Section 13: European waste code disclaimer information was added.  
Section 14 Classification Code – Main Heading information was deleted.  
Section 14 Classification Code – Regulation Data information was deleted.  
Section 14 Control Temperature – Main Heading information was deleted.  
Section 14 Control Temperature – Regulation Data information was deleted.  
Section 14 Emergency Temperature – Main Heading information was deleted.  
Section 14 Emergency Temperature – Regulation Data information was deleted.  
Section 14 Hazard Class + Sub Risk – Main Heading information was deleted.  
Section 14 Hazard Class + Sub Risk – Regulation Data information was deleted.  
Section 14 Other Dangerous Goods – Main Heading information was deleted.

Section 14 Other Dangerous Goods – Regulation Data information was deleted.

Section 14 Packing Group – Main Heading information was deleted.

Section 14 Packing Group – Regulation Data information was deleted.

Section 14 Proper Shipping Name information was deleted.

Section 14 Regulations – Main Headings information was deleted.

Section 14 Segregation – Regulation Data information was deleted.

Section 14 Segregation Code – Main Heading information was deleted.

Section 14 Special Precautions – Main Heading information was deleted.

Section 14 Special Precautions – Regulation Data information was deleted.

Section 14 Transport in bulk – Regulation Data information was deleted.

Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was deleted.

Section 14 UN Number Column data information was deleted.

Section 14 UN Number information was deleted.

Section 15: Chemical Safety Assessment information was deleted.

Section 15: Seveso Hazard Category Text information was added.

Section 15: Seveso Hazard Category Text information was deleted.

Section 15: Seveso Substance Text information was deleted.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was added.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was deleted.

Section 16: Two-column table displaying the unique list of Notas for all components of the given material. information was added.

Section 16: Web address information was added.

Section 16: Web address 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. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

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