



## 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 Stainless Steel Cleaner

#### Product Identification Numbers

YP-2080-6172-8

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

##### Identified uses

Metal Polish

#### 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 2 - Aerosol 2; H223, H229

For full text of H phrases, see Section 16.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

##### SIGNAL WORD

WARNING.

## 3M Stainless Steel Cleaner

### Symbols:

GHS02 (Flame) |

### Pictograms



### HAZARD STATEMENTS:

H223 Flammable aerosol.  
H229 Pressurised container. may burst if heated.

### PRECAUTIONARY STATEMENTS

#### General:

P102 Keep out of reach of children.

#### Prevention:

P210A 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 50C/122F.

### Notes on labelling

Updated per Regulation (EC) No. 648/2004 on detergents. H304 is not required on the label because the product is an aerosol.

Ingredients required per 648/2004: >30%: Aliphatic hydrocarbons. <5%: Non-ionic surfactant. Contains: Perfumes, d-limonene.

Test data indicates that product meets the criteria for flammable aerosol.

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

| Ingredient                                  | CAS Nbr   | EU Inventory | % by Wt   | Classification  |
|---|-----------|--------------|-----------|---|
| Water                                       | 7732-18-5 | 231-791-2    | 40 - 70   |   |
| White mineral oil (petroleum)               | 8042-47-5 | 232-455-8    | 10 - 30   | Asp. Tox. 1, H304 (Self Classified)                     |
| Butane (REACH Reg. No.:01-2119474691-32)    | 106-97-8  | 203-448-7    | 1 - 10    | Flam. Gas 1, H220; Liquified gas, H280 - Nota C,U (CLP) |
| Isobutane (REACH Reg. No.:01-2119485395-27) | 75-28-5   | 200-857-2    | 1 - 5     | Flam. Gas 1, H220; Liquified gas, H280 - Nota C,U (CLP) |
| Propane                                     | 74-98-6   | 200-827-9    | 1 - 5     | Flam. Gas 1, H220; Liquified gas, H280 - Nota U (CLP)   |
| Sorbitan Oleate                             | 1338-43-8 | 215-665-4    | 0.5 - 1.5 |   |

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

No need for first aid is anticipated.

#### Eye contact

No need for first aid is anticipated.

#### 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

Use a fire fighting agent suitable for the surrounding fire.

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

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

### Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u>   |
|------------------|--------------------|
| Carbon monoxide. | During combustion. |
| Carbon dioxide.  | During combustion. |

### 5.3. 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

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. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

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

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

## 3M Stainless Steel Cleaner

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

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

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

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

### 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 | CAS Nbr  | Agency | Limit type   | Additional comments |
|------------|----------|--------|--|---------------------|
| Butane     | 106-97-8 | UK HSC | TWA:1450 mg/m <sup>3</sup> (600 ppm);STEL:1810 mg/m <sup>3</sup> (750 ppm) |                     |
| Propane    | 74-98-6  | UK HSC | Limit value not established:   | asphyxiant          |

UK HSC : 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)

## 3M Stainless Steel Cleaner

### 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.

Gloves made from the following material(s) are recommended:

| Material        | Thickness (mm)    | Breakthrough Time |
|-----------------|-------------------|-------------------|
| Nitrile rubber. | 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:

Half facepiece or full facepiece supplied-air respirator

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                       | Thick white emulsion; citrus odour           |
| Odour threshold                        | <i>No data available.</i>                    |
| pH                                     | 9 - 11                                       |
| Boiling point/boiling range            | approximately 100 °C                         |
| Melting point                          | <i>No data available.</i>                    |
| Flammability (solid, gas)              | Not applicable.                              |
| Explosive properties                   | Not classified                               |
| Oxidising properties                   | Not classified                               |
| Flash point                            | <i>No data available.</i>                    |
| Autoignition temperature               | <i>No data available.</i>                    |
| Flammable Limits(LEL)                  | <i>No data available.</i>                    |
| Flammable Limits(UEL)                  | <i>No data available.</i>                    |
| Vapour pressure                        | <i>No data available.</i>                    |
| Relative density                       | approximately 1 [ <i>Ref Std: WATER=1</i> ]  |
| Water solubility                       | Complete                                     |
| Solubility- non-water                  | <i>No data available.</i>                    |
| Partition coefficient: n-octanol/water | <i>No data available.</i>                    |
| Evaporation rate                       | <i>No data available.</i>                    |
| Vapour density                         | <i>No data available.</i>                    |
| Decomposition temperature              | <i>No data available.</i>                    |
| Viscosity                              | < 4,500 mPa-s [ <i>Details: For liquid</i> ] |
| Density                                | approximately 0.95 g/ml                      |

### 9.2. Other information

Percent volatile

11.55 % weight

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is considered to be non reactive under normal use conditions

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

Heat.

Sparks and/or flames.

### 10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

### 10.6 Hazardous decomposition products

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

Refer to section 5.2 for hazardous decomposition products during combustion.

## 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

May cause target organ effects after inhalation. May cause additional health effects (see below).

#### Skin contact

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

#### Eye contact

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

#### Ingestion

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

#### Additional Health Effects:

**3M Stainless Steel Cleaner****Single exposure may cause target organ effects:**

Single exposure, above recommended guidelines, may cause:

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

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

| Name                          | Route                    | Species | Value  |
|-------------------------------|--------------------------|---------|--|
| Overall product               | Ingestion                |         | No data available; calculated ATE >5,000 mg/kg |
| White mineral oil (petroleum) | Dermal                   | Rabbit  | LD50 > 2,000 mg/kg                             |
| White mineral oil (petroleum) | Ingestion                | Rat     | LD50 > 5,000 mg/kg                             |
| Butane                        | Inhalation-Gas (4 hours) | Rat     | LC50 277,000 ppm                               |
| Isobutane                     | Inhalation-Gas (4 hours) | Rat     | LC50 276,000 ppm                               |
| Propane                       | Inhalation-Gas (4 hours) | Rat     | LC50 > 200,000 ppm                             |
| Sorbitan Oleate               | Dermal                   |         | LD50 estimated to be > 5,000 mg/kg             |
| Sorbitan Oleate               | Ingestion                | Rat     | LD50 > 39,800 mg/kg                            |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                          | Species                | Value                     |
|-------------------------------|------------------------|---------------------------|
| White mineral oil (petroleum) | Rabbit                 | No significant irritation |
| Butane                        | Professional judgement | No significant irritation |
| Isobutane                     | Professional judgement | No significant irritation |
| Propane                       | Rabbit                 | Minimal irritation        |

**Serious Eye Damage/Irritation**

| Name                          | Species                | Value                     |
|-------------------------------|------------------------|---------------------------|
| White mineral oil (petroleum) | Rabbit                 | Mild irritant             |
| Butane                        | Rabbit                 | No significant irritation |
| Isobutane                     | Professional judgement | No significant irritation |
| Propane                       | Rabbit                 | Mild irritant             |

**Skin Sensitisation**

| Name                          | Species    | Value           |
|-------------------------------|------------|-----------------|
| White mineral oil (petroleum) | Guinea pig | Not sensitising |

**Respiratory Sensitisation**

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

**3M Stainless Steel Cleaner****Germ Cell Mutagenicity**

| Name                          | Route    | Value         |
|-------------------------------|----------|---------------|
| White mineral oil (petroleum) | In Vitro | Not mutagenic |
| Butane                        | In Vitro | Not mutagenic |
| Isobutane                     | In Vitro | Not mutagenic |
| Propane                       | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name                          | Route      | Species                 | Value            |
|-------------------------------|------------|-------------------------|------------------|
| White mineral oil (petroleum) | Dermal     | Mouse                   | Not carcinogenic |
| White mineral oil (petroleum) | Inhalation | Multiple animal species | Not carcinogenic |

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

| Name                          | Route     | Value                            | Species | Test result                 | Exposure Duration |
|-------------------------------|-----------|----------------------------------|---------|-----------------------------|-------------------|
| White mineral oil (petroleum) | Ingestion | Not toxic to female reproduction | Rat     | NOAEL<br>4,350<br>mg/kg/day | 13 weeks          |
| White mineral oil (petroleum) | Ingestion | Not toxic to male reproduction   | Rat     | NOAEL<br>4,350<br>mg/kg/day | 13 weeks          |
| White mineral oil (petroleum) | Ingestion | Not toxic to development         | Rat     | NOAEL<br>4,350<br>mg/kg/day | during gestation  |

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

| Name      | Route      | Target Organ(s)                   | Value  | Species                 | Test result         | Exposure Duration |
|-----------|------------|-----------------------------------|--|-------------------------|---------------------|-------------------|
| 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                             | Some positive data exist, but the data are not sufficient for classification | Dog                     | NOAEL<br>5,000 ppm  | 25 minutes        |
| Butane    | Inhalation | respiratory irritation            | All data are negative  | Rabbit                  | NOAEL Not available |                   |
| Isobutane | Inhalation | cardiac sensitisation             | 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 |                   |
| 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            | All data are negative  | Human                   | NOAEL Not available |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------|-------|-----------------|-------|---------|-------------|-------------------|
|------|-------|-----------------|-------|---------|-------------|-------------------|



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|                               |            |                       |  |     |                          |          |
|-------------------------------|------------|-----------------------|--|-----|--------------------------|----------|
| White mineral oil (petroleum) | Ingestion  | hematopoietic system  | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL<br>1,381 mg/kg/day | 90 days  |
| White mineral oil (petroleum) | Ingestion  | liver   immune system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL<br>1,336 mg/kg/day | 90 days  |
| Butane                        | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL<br>4,489 ppm       | 90 days  |
| Butane                        | Inhalation | blood                 | All data are negative  | Rat | NOAEL<br>4,489 ppm       | 90 days  |
| Isobutane                     | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL<br>4,500 ppm       | 13 weeks |

**Aspiration Hazard**

| Name                          | Value             |
|-------------------------------|-------------------|
| White mineral oil (petroleum) | 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.

**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 |
|-------------------------------|-----------|---------------|---|----------|------------------|-------------|
| Butane                        | 106-97-8  |               | Data not available or insufficient for classification |          |                  |             |
| Isobutane                     | 75-28-5   |               | Data not available or insufficient for classification |          |                  |             |
| Propane                       | 74-98-6   |               | Data not available or insufficient for classification |          |                  |             |
| Sorbitan Oleate               | 1338-43-8 | Rainbow trout | Experimental  | 96 hours | LC50             | >100 mg/l   |
| White mineral oil (petroleum) | 8042-47-5 | Bluegill      | Experimental  | 96 hours | Lethal Level 50% | >100 mg/l   |
| White mineral oil (petroleum) | 8042-47-5 | Water flea    | Experimental  | 21 days  | NOEC             | >100 mg/l   |

**12.2. Persistence and degradability**

| Material | CAS Nbr  | Test type               | Duration | Study Type                    | Test result      | Protocol      |
|----------|----------|-------------------------|----------|-------------------------------|------------------|---------------|
| Butane   | 106-97-8 | Experimental Photolysis |          | Photolytic half-life (in air) | 6.3 days (t 1/2) | Other methods |

**3M Stainless Steel Cleaner**

|                               |           |                             |         |                               |                               |                                   |
|-------------------------------|-----------|-----------------------------|---------|-------------------------------|-------------------------------|-----------------------------------|
| Propane                       | 74-98-6   | Experimental Photolysis     |         | Photolytic half-life (in air) | 27.5 days (t <sub>1/2</sub> ) | Other methods                     |
| Isobutane                     | 75-28-5   | Experimental Photolysis     |         | Photolytic half-life (in air) | 13.7 days (t <sub>1/2</sub> ) | Other methods                     |
| Sorbitan Oleate               | 1338-43-8 | Estimated Biodegradation    | 28 days | BOD                           | 81 % weight                   | OECD 301C - MITI test (I)         |
| White mineral oil (petroleum) | 8042-47-5 | Experimental Biodegradation | 28 days | CO2 evolution                 | 0 % weight                    | OECD 301B - Modified sturm or CO2 |

**12.3 : Bioaccumulative potential**

| Material                      | CAS Nbr   | Test type   | Duration | Study Type             | Test result | Protocol                           |
|-------------------------------|-----------|---|----------|------------------------|-------------|------------------------------------|
| Propane                       | 74-98-6   | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                                |
| White mineral oil (petroleum) | 8042-47-5 | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                                |
| Sorbitan Oleate               | 1338-43-8 | Estimated Bioconcentration                            |          | Bioaccumulation factor | 9.8         | Estimated: Bioconcentration factor |
| Isobutane                     | 75-28-5   | Experimental BCF - Other                              |          | Bioaccumulation factor | 1.97        | Other methods                      |
| Butane                        | 106-97-8  | Experimental Bioconcentration                         |          | Log Kow                | 2.88        | 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

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. 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

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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

### EU waste code (product container after use)

15 01 04 Metallic packaging

## SECTION 14: Transportation information

YP-2080-6172-8

**ADR/RID:** UN1950, AEROSOLS, LIMITED QUANTITY, 2.1, (E), ADR Classification Code: 5F.

**IMDG-CODE:** UN1950, AEROSOLS, 2.1, IMDG-Code segregation code: NONE, LIMITED QUANTITY, EMS: FD,SU.

**ICAO/IATA:** UN1950, AEROSOLS, FLAMMABLE, 2.1.

## 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.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

|      |   |
|------|---|
| H220 | Extremely flammable gas.                            |
| H223 | Flammable aerosol.                                  |
| 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.       |

### Revision information:

Section 2: Additional label requirements phrase information was deleted.

Section 2: EU Detergent Regulation label remarks information was deleted.

Section 2: Indication of danger information information was deleted.

Label: Graphic Text information was deleted.

Label: Graphic information was deleted.

Label: Signal Word information was modified.

Section 2: Label ingredient information information was deleted.

Section 2: Label remarks information was deleted.

Section 2: R phrase reference information was deleted.

Remark (phrase) information was deleted.

Risk phrase information was deleted.

Safety phrase information was deleted.

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

Section 3: Reference to H statement explanation in Section 016 information was added.

Section 3: Reference to R and H statement explanation in Section 16 information was deleted.

Section 3: Reference to section 15 for Nota info information was deleted.  
Section 6: Accidental release personal information information was modified.  
Section 9: Property description for optional properties information was added.  
Section 9: Property description for optional properties information was deleted.  
Section 9: Viscosity information information was modified.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Skin Sensitization Table information was modified.  
Section 11: Target Organs - Single Table information was modified.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Biocumulative potential information information was modified.  
Section 16: List of relevant R phrase information information was deleted.  
Section 16: List of relevant R-phrases 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.

**3M United Kingdom MSDSs are available at [www.3M.com/uk](http://www.3M.com/uk)**