



## 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

Scotch 1625 Contact Cleaner

#### Product Identification Numbers

DE-9999-5338-8

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

##### Identified uses

Electrical equipment cleaning

#### 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 1 - Aerosol 1; H222, H229  
Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319  
Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315  
Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336

For full text of H phrases, see Section 16.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

**SIGNAL WORD**

DANGER.

**Symbols:**

GHS02 (Flame) |GHS07 (Exclamation mark) |

**Pictograms**



|   |            |         |
|---|------------|---------|
| Ingredient                              | CAS Nbr    | % by Wt |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | 60 - 90 |

**HAZARD STATEMENTS:**

|      |   |
|------|---|
| H222 | Extremely flammable aerosol.                |
| H229 | Pressurised container. may burst if heated. |
| H319 | Causes serious eye irritation.              |
| H315 | Causes skin irritation.                     |
| H336 | May cause drowsiness or dizziness.          |

**PRECAUTIONARY STATEMENTS**

**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.   |
| P261E | Avoid breathing vapour or spray.   |

**Response:**

|                    |  |
|--------------------|--|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|--------------------|--|

**Storage:**

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

Contains 90% of components with unknown hazards to the aquatic environment.

**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 (not required on industrial label): >30%: Aliphatic hydrocarbons.

Nota P applied to CASRN 64742-49-0.

**2.3. Other hazards**

None known.

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

| Ingredient                              | CAS Nbr    | EU Inventory | % by Wt | Classification             |
|---|------------|--------------|---------|----------------------------|
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | EINECS 265-  | 60 - 90 | Asp. Tox. 1, H304 - Nota P |

**Scotch 1625 Contact Cleaner**

|                |          |                  |        |   |
|----------------|----------|------------------|--------|---|
|                |          | 151-9            |        | (CLP)<br>Flam. Liq. 2, H225; Skin Irrit. 2, H315; STOT SE 3, H336 (Self Classified) |
| Propan-2-ol    | 67-63-0  | EINECS 200-661-7 | 7 - 13 | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 (CLP)                       |
| Butane         | 106-97-8 | EINECS 203-448-7 | 5 - 10 | Flam. Gas 1, H220; Liquefied gas, H280 - Nota C,U (CLP)                             |
| Propane        | 74-98-6  | EINECS 200-827-9 | 1 - 5  | Flam. Gas 1, H220; Liquefied gas, H280 - Nota U (CLP)                               |
| Carbon dioxide | 124-38-9 | EINECS 204-696-9 | 1 - 5  | Liquefied gas, H280 (Self Classified)   |

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

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

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation**

Remove person to fresh air. Get medical attention.

**Skin contact**

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

**Eye contact**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**If swallowed**

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

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

See Section 11.1 Information on toxicological effects

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

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

**SECTION 5: Fire-fighting measures****5.1. Extinguishing media**

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**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

**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 vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

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

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. 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

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

### 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) |                     |
| Carbon dioxide | 124-38-9 | UK HSC | TWA:9150 mg/m <sup>3</sup> (5000 ppm)                                      |                     |

## Scotch 1625 Contact Cleaner

|             |         |        |   |
|-------------|---------|--------|---|
| Propan-2-ol | 67-63-0 | UK HSC | ppm);STEL:27400<br>mg/m <sup>3</sup> (15000 ppm)<br>TWA:999 mg/m <sup>3</sup> (400<br>ppm);STEL:1250 mg/m <sup>3</sup> (500<br>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

Provide ventilated enclosure for heat curing. Curing enclosures must be exhausted to outdoors or to a suitable emission control device. Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect vented goggles.

#### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

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

| Material        | Thickness (mm)    | Breakthrough Time |
|-----------------|-------------------|-------------------|
| Nitrile rubber. | No data available | No data available |

#### Respiratory protection

In case of inadequate ventilation wear 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

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 |

|   |  |
|---|--|
| <b>Appearance/Odour</b>                       | Colourless, solvent-like odour                                     |
| <b>Odour threshold</b>                        | <i>No data available.</i>  |
| <b>pH</b>                                     | <i>Not applicable.</i>   |
| <b>Boiling point/boiling range</b>            | <i>Not applicable.</i>   |
| <b>Melting point</b>                          | <i>No data available.</i>  |
| <b>Flammability (solid, gas)</b>              | Not applicable.  |
| <b>Explosive properties</b>                   | Not classified   |
| <b>Oxidising properties</b>                   | Not classified   |
| <b>Flash point</b>                            | <=-30 °C   |
| <b>Autoignition temperature</b>               | <i>No data available.</i>  |
| <b>Flammable Limits(LEL)</b>                  | 0.6 % volume   |
| <b>Flammable Limits(UEL)</b>                  | <i>No data available.</i>  |
| <b>Vapour pressure</b>                        | 500,000 - 900,000 Pa [ <i>Details:CONDITIONS: 20 - 50 deg. C</i> ] |
| <b>Relative density</b>                       | 0.7 g/ml   |
| <b>Water solubility</b>                       | Slight (less than 10%)   |
| <b>Solubility- non-water</b>                  | <i>No data available.</i>  |
| <b>Partition coefficient: n-octanol/water</b> | <i>No data available.</i>  |
| <b>Evaporation rate</b>                       | <i>No data available.</i>  |
| <b>Vapour density</b>                         | <i>No data available.</i>  |
| <b>Decomposition temperature</b>              | <i>No data available.</i>  |
| <b>Viscosity</b>                              | <i>Not applicable.</i>   |

## 9.2. Other information

|   |                           |
|---|---------------------------|
| <b>Volatile organic compounds (VOC)</b>   | 100 g/l                   |
| <b>Percent volatile</b>                   | <i>No data available.</i> |
| <b>VOC less H2O &amp; exempt solvents</b> | <i>No data available.</i> |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

Heat.

Sparks and/or flames.

Temperatures above the boiling point.

High shear and high temperature conditions

### 10.5 Incompatible materials

Explosive when mixed with oxidizing substances.

Strong acids.

### 10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| Hydrocarbons.    | Not specified.   |
| Carbon monoxide. | Not specified.   |
| Carbon dioxide.  | Not specified.   |

## 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

Intentional concentration and inhalation may be harmful or fatal. 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

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

#### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

#### 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.

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 |
| Naphtha (petroleum), hydrotreated light | Dermal                     | Rabbit  | LD50 > 3,160 mg/kg                             |
| Naphtha (petroleum), hydrotreated light | Inhalation-Vapor (4 hours) | Rat     | LC50 > 14.7 mg/l                               |
| Naphtha (petroleum), hydrotreated light | Ingestion                  | Rat     | LD50 > 5,000 mg/kg                             |
| Propan-2-ol                             | Dermal                     | Rabbit  | LD50 12,870 mg/kg                              |
| Propan-2-ol                             | Inhalation-Vapor (4 hours) | Rat     | LC50 72.6 mg/l                                 |
| Propan-2-ol                             | Ingestion                  | Rat     | LD50 4,710 mg/kg                               |
| Butane                                  | Inhalation-Gas (4 hours)   | Rat     | LC50 277,000 ppm                               |

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|                |                          |     |                    |
|----------------|--------------------------|-----|--------------------|
| Propane        | Inhalation-Gas (4 hours) | Rat | LC50 > 200,000 ppm |
| Carbon dioxide | Inhalation-Gas (4 hours) | Rat | LC50 > 53,000 ppm  |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                    | Species                 | Value                     |
|---|-------------------------|---------------------------|
| Naphtha (petroleum), hydrotreated light | Rabbit                  | Irritant                  |
| Propan-2-ol                             | Multiple animal species | No significant irritation |
| Butane                                  | Professional judgement  | No significant irritation |
| Propane                                 | Rabbit                  | Minimal irritation        |

**Serious Eye Damage/Irritation**

| Name                                    | Species | Value                     |
|---|---------|---------------------------|
| Naphtha (petroleum), hydrotreated light | Rabbit  | Mild irritant             |
| Propan-2-ol                             | Rabbit  | Severe irritant           |
| Butane                                  | Rabbit  | No significant irritation |
| Propane                                 | Rabbit  | Mild irritant             |

**Skin Sensitisation**

| Name                                    | Species    | Value           |
|---|------------|-----------------|
| Naphtha (petroleum), hydrotreated light | Guinea pig | Not sensitising |
| Propan-2-ol                             | Guinea pig | Not sensitising |

**Respiratory Sensitisation**

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

**Germ Cell Mutagenicity**

| Name                                    | Route    | Value         |
|---|----------|---------------|
| Naphtha (petroleum), hydrotreated light | In Vitro | Not mutagenic |
| Propan-2-ol                             | In Vitro | Not mutagenic |
| Propan-2-ol                             | In vivo  | Not mutagenic |
| Butane                                  | In Vitro | Not mutagenic |
| Propane                                 | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name                                    | Route      | Species | Value  |
|---|------------|---------|--|
| Naphtha (petroleum), hydrotreated light | Inhalation | Mouse   | Some positive data exist, but the data are not sufficient for classification |
| Propan-2-ol                             | Inhalation | Rat     | Some positive data exist, but the data are not sufficient for classification |

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

| Name        | Route     | Value                                   | Species | Test result | Exposure Duration |
|-------------|-----------|---|---------|-------------|-------------------|
| Propan-2-ol | Ingestion | Some positive developmental data exist, | Rat     | NOAEL 400   | during            |



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|                |            |  |       |                   |                  |
|----------------|------------|--|-------|-------------------|------------------|
|                |            | but the data are not sufficient for classification   |       | mg/kg/day         | organogenesis    |
| Propan-2-ol    | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification     | Rat   | LOAEL 9 mg/l      | during gestation |
| Carbon dioxide | Inhalation | Some positive male reproductive data exist, but the data are not sufficient for classification | Mouse | LOAEL 350,000 ppm | not available    |
| Carbon dioxide | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification     | Rat   | LOAEL 60,000 ppm  | 24 hours         |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name                                    | Route      | Target Organ(s)                   | Value  | Species                | Test result         | Exposure Duration      |
|---|------------|-----------------------------------|--|------------------------|---------------------|------------------------|
| Naphtha (petroleum), hydrotreated light | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human and animal       | NOAEL Not available |                        |
| Naphtha (petroleum), hydrotreated light | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification |                        | NOAEL Not available |                        |
| Naphtha (petroleum), hydrotreated light | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Professional judgement | NOAEL Not available |                        |
| Propan-2-ol                             | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available |                        |
| Propan-2-ol                             | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                  | NOAEL Not available |                        |
| Propan-2-ol                             | Inhalation | auditory system                   | Some positive data exist, but the data are not sufficient for classification | Guinea pig             | NOAEL 13.4 mg/l     | 24 hours               |
| Propan-2-ol                             | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available | poisoning and/or abuse |
| Butane                                  | Inhalation | cardiac sensitization             | 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 5,000 ppm     | 25 minutes             |
| Butane                                  | Inhalation | respiratory irritation            | All data are negative  | Rabbit                 | NOAEL Not available |                        |
| Propane                                 | Inhalation | cardiac sensitization             | 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 |
|-------------|------------|-----------------------|--|---------|---------------------|-------------------|
| Propan-2-ol | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 12.3 mg/l     | 24 months         |
| Propan-2-ol | Inhalation | nervous system        | All data are negative  | Rat     | NOAEL 12 mg/l       | 13 weeks          |
| Propan-2-ol | Ingestion  | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 400 mg/kg/day | 12 weeks          |
| Butane      | Inhalation | kidney and/or         | Some positive data exist, but the  | Rat     | NOAEL               | 90 days           |

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|                |            |   |  |     |                     |          |
|----------------|------------|---|--|-----|---------------------|----------|
|                |            | bladder   | data are not sufficient for classification                                   |     | 4,489 ppm           |          |
| Butane         | Inhalation | blood   | All data are negative  | Rat | NOAEL<br>4,489 ppm  | 90 days  |
| Carbon dioxide | Inhalation | heart   bone, teeth, nails, and/or hair   liver   nervous system   kidney and/or bladder   respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL<br>60,000 ppm | 166 days |

**Aspiration Hazard**

| Name                                    | Value             |
|---|-------------------|
| Naphtha (petroleum), hydrotreated light | 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 |
|---|------------|-----------------|---|----------|---------------|-------------|
| Carbon dioxide                          | 124-38-9   | Fish            | Experimental  | 96 hours | LC50          | 112.2 mg/l  |
| Propan-2-ol                             | 67-63-0    | Fathead minnow  | Experimental  | 96 hours | LC50          | 6,120 mg/l  |
| Propan-2-ol                             | 67-63-0    | Crustacea       | Experimental  | 48 hours | EC50          | 1,400 mg/l  |
| Propan-2-ol                             | 67-63-0    | Algae           | Experimental  | 24 hours | EC50          | >1,000 mg/l |
| Carbon dioxide                          | 124-38-9   | Atlantic Salmon | Experimental  | 43 days  | NOEC          | 26 mg/l     |
| Propan-2-ol                             | 67-63-0    | Water flea      | Experimental  | 21 days  | NOEC          | 30 mg/l     |
| Butane                                  | 106-97-8   |                 | Data not available or insufficient for classification |          |               |             |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 |                 | Data not available or insufficient for classification |          |               |             |
| Propane                                 | 74-98-6    |                 | Data not available or insufficient for classification |          |               |             |

**12.2. Persistence and degradability**

| Material | CAS Nbr  | Test type               | Duration | Study Type                    | Test result       | Protocol      |
|----------|----------|-------------------------|----------|-------------------------------|-------------------|---------------|
| Propane  | 74-98-6  | Experimental Photolysis |          | Photolytic half-life (in air) | 27.5 days (t 1/2) | Other methods |
| Butane   | 106-97-8 | Experimental            |          | Photolytic half-              | 12.3 days (t      | Other methods |

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|   |            | Photolysis  |         | life (in air) | 1/2)        |                           |
|---|------------|---|---------|---------------|-------------|---------------------------|
| Carbon dioxide                          | 124-38-9   | Data not available or insufficient for classification | N/A     | N/A           | N/A         | N/A                       |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | Data not available or insufficient for classification | N/A     | N/A           | N/A         | N/A                       |
| Propan-2-ol                             | 67-63-0    | Experimental Biodegradation                           | 14 days | BOD           | 86 % weight | OECD 301C - MITI test (I) |

**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           |
| Butane                                  | 106-97-8   | Experimental Bioconcentration                         |          | Log Kow    | 2.89        | Other methods |
| Carbon dioxide                          | 124-38-9   | Experimental Bioconcentration                         |          | Log Kow    | 0.83        | Other methods |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A           |
| Propan-2-ol                             | 67-63-0    | Experimental Bioconcentration                         |          | Log Kow    | 0.05        | 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**

| Material    | CAS Nbr | Ozone Depletion Potential | Global Warming Potential |
|-------------|---------|---------------------------|--------------------------|
| Propan-2-ol | 67-63-0 | 0                         |                          |

**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

## Scotch 1625 Contact Cleaner

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)

- 070704\* Other organic solvents, washing liquids and mother liquors
- 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

DE-9999-5338-8

**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.                            |
| H222 | Extremely flammable aerosol.                        |
| H225 | Highly 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.                  |

### Revision information:

Label: CLP Precautionary - Prevention information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12:Biocumulative potential information information was modified.

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

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(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)**

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