



## Safety Data Sheet

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|                                       |                   |                         |            |
|---------------------------------------|-------------------|-------------------------|------------|
| <b>Document group:</b>                | 32-7460-2         | <b>Version number:</b>  | 5.00       |
| <b>Revision date:</b>                 | 31/05/2015        | <b>Supersedes date:</b> | 21/10/2014 |
| <b>Transportation version number:</b> | 1.00 (28/10/2013) |                         |            |

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

Cavilon Durable Barrier Cream (Next Generation) 3391G, 3392G 3392GS

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

##### Identified uses

Topically applied medical barrier cream

#### 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:

This product is a medical device as defined in Directive 93/42/EEC (MDD), which is invasive or used in direct physical contact with the human body and therefore is exempt from the requirements of classification and labelling according to Regulation (EC) No. 1272/2008 (CLP; Article 1, paragraph 5).

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

Not applicable

**Cavilon Durable Barrier Cream (Next Generation) 3391G, 3392G 3392GS****Notes on labelling**

This product is exempt from labelling per Directive 1999/45/EC as it is defined as a medical device according to Directive 93/42/EEC and is invasive or comes into contact with the human body.

**2.3. Other hazards**

For information on hazards and safe use, please consider the corresponding sections of this document.

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

| Ingredient   | CAS Nbr      | EU Inventory     | % by Wt  | Classification  |
|--|--------------|------------------|----------|---|
| Non Hazardous Ingredients  | 7732-18-5    | EINECS 231-791-2 | 40 - 70  |   |
| Coconut Oil  | 8001-31-8    | EINECS 232-282-8 | 7 - 13   |   |
| Poly(oxypropylene)stearyl ether  | 25231-21-4   |                  | 3 - 10   |   |
| Isopropyl Palmitate  | 142-91-6     | EINECS 205-571-1 | 3 - 10   |   |
| Glycerin   | 56-81-5      | EINECS 200-289-5 | 3 - 10   |   |
| Paraffin Wax   | 8002-74-2    | EINECS 232-315-6 | 3 - 7    |   |
| Bis(1-methylheptyl) Adipate  | 108-63-4     | EINECS 203-601-8 | 1 - 5    | N:R50 (Self Classified)<br><br>Aquatic Acute 1, H400,M=1;<br>Aquatic Chronic 2, H411 (Self Classified)                |
| Siloxanes and silicones, di-Me   | 63148-62-9   |                  | 1 - 5    |   |
| White mineral oil (petroleum)  | 8042-47-5    | EINECS 232-455-8 | 1 - 5    | Xn:R65 (Self Classified)<br><br>Asp. Tox. 1, H304 (Self Classified)   |
| Silicic acid, sodium salt, reaction products with chlorotrimethylsilane and iso-Pr alc | 68988-56-7   | EINECS 273-530-5 | 1 - 5    |   |
| Acrylic acid, isooctylacrylate and eicosyl-, hexadecyl- and octadecyl methacrylate     | Trade Secret |                  | 1 - 5    |   |
| 2-phenoxyethanol   | 122-99-6     | EINECS 204-589-7 | 0.1 - 3  | Xn:R22; Xi:R36 (EU)<br><br>Acute Tox. 4, H302; Eye Irrit. 2, H319 (CLP)   |
| Benzoic Acid   | 65-85-0      | EINECS 200-618-2 | 0.01 - 1 | T:R48/23; Xi:R38-41 (EU)<br>R52 (Self Classified)<br><br>Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT RE 1, H372 (CLP) |

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

Please refer to section 15 for the 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**

No need for first aid is anticipated.

**Skin contact**

No need for first aid is anticipated.

**Eye contact**

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

**If swallowed**

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

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

See Section 11.1 Information on toxicological effects

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

Not applicable.

**SECTION 5: Fire-fighting measures**

**5.1. Extinguishing media**

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

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

None inherent in this product.

**Hazardous Decomposition or By-Products**

**Substance**

Hydrocarbons.  
Carbon monoxide.  
Carbon dioxide.

**Condition**

During combustion.  
During combustion.  
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**

Ventilate the area with fresh air. 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**

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. 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

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

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

No special storage requirements.

### 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 |
|--------------|-----------|--------|--|---------------------|
| Glycerin     | 56-81-5   | UK HSC | TWA(as mist):10 mg/m3                      |                     |
| Paraffin Wax | 8002-74-2 | UK HSC | TWA(as fume):2 mg/m3;STEL(as fume):6 mg/m3 |                     |

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

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

None required.

##### Skin/hand protection

No chemical protective gloves are required.

##### Respiratory protection

None required.

## SECTION 9: Physical and chemical properties

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

|  |                                  |
|--|----------------------------------|
| Physical state                         | Liquid.                          |
| Specific Physical Form:                | Cream                            |
| Appearance/Odour                       | White uniform cream; light odour |
| Odour threshold                        | <i>No data available.</i>        |
| pH                                     | <i>No data available.</i>        |
| Boiling point/boiling range            | <i>No data available.</i>        |
| Melting point                          | <i>No data available.</i>        |
| Flammability (solid, gas)              | Not applicable.                  |
| Explosive properties                   | Not classified                   |
| Oxidising properties                   | Not classified                   |
| Flash point                            | No flash point                   |
| 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                       | 0.99 [ <i>Ref Std: WATER=1</i> ] |
| Water solubility                       | <i>No data available.</i>        |
| 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                              | 20 - 150 Pa-s                    |
| Density                                | 0.99 g/ml                        |

### 9.2. Other information

|                                  |                           |
|----------------------------------|---------------------------|
| Volatile organic compounds (VOC) | <i>No data available.</i> |
| Percent volatile                 | <i>Not applicable.</i>    |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

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

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| 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

No known health effects.

#### Skin contact

No health effects are expected.

#### 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.

#### Toxicological Data

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

#### Acute Toxicity

| Name                           | Route     | Species | Value  |
|--------------------------------|-----------|---------|--|
| Overall product                | Dermal    |         | No data available; calculated ATE >5,000 mg/kg |
| Overall product                | Ingestion |         | No data available; calculated ATE >5,000 mg/kg |
| Glycerin                       | Dermal    | Rabbit  | LD50 estimated to be > 5,000 mg/kg             |
| Glycerin                       | Ingestion | Rat     | LD50 > 5,000 mg/kg                             |
| Paraffin Wax                   | Dermal    | Rabbit  | LD50 > 5,000 mg/kg                             |
| Paraffin Wax                   | Ingestion | Rat     | LD50 > 5,000 mg/kg                             |
| Bis(1-methylheptyl) Adipate    | Dermal    |         | LD50 estimated to be > 5,000 mg/kg             |
| Bis(1-methylheptyl) Adipate    | Ingestion |         | LD50 estimated to be > 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                             |
| Siloxanes and silicones, di-Me | Dermal    | Rabbit  | LD50 > 19,400 mg/kg                            |
| Siloxanes and silicones, di-Me | Ingestion | Rat     | LD50 > 17,000 mg/kg                            |
| 2-phenoxyethanol               | Dermal    | Rabbit  | LD50 > 2,000 mg/kg                             |
| 2-phenoxyethanol               | Ingestion | Rat     | LD50 1,260 mg/kg                               |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name                           | Species                | Value                     |
|--------------------------------|------------------------|---------------------------|
| Glycerin                       | Rabbit                 | No significant irritation |
| Bis(1-methylheptyl) Adipate    | Professional judgement | Minimal irritation        |
| White mineral oil (petroleum)  | Rabbit                 | No significant irritation |
| Siloxanes and silicones, di-Me | Rabbit                 | No significant irritation |

#### Serious Eye Damage/Irritation

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| Name                           | Species                | Value                     |
|--------------------------------|------------------------|---------------------------|
| Glycerin                       | Rabbit                 | No significant irritation |
| Bis(1-methylheptyl) Adipate    | Professional judgement | Mild irritant             |
| White mineral oil (petroleum)  | Rabbit                 | Mild irritant             |
| Siloxanes and silicones, di-Me | Rabbit                 | No significant irritation |

**Skin Sensitisation**

| Name                          | Species    | Value           |
|-------------------------------|------------|-----------------|
| Glycerin                      | Guinea pig | Not sensitising |
| 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.

**Germ Cell Mutagenicity**

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

**Carcinogenicity**

| Name                          | Route      | Species                 | Value  |
|-------------------------------|------------|-------------------------|--|
| Glycerin                      | Ingestion  | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| 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 |
|-------------------------------|-----------|----------------------------------|---------|-----------------------|-------------------|
| Glycerin                      | Ingestion | Not toxic to female reproduction | Rat     | NOAEL 2,000 mg/kg/day | 2 generation      |
| Glycerin                      | Ingestion | Not toxic to male reproduction   | Rat     | NOAEL 2,000 mg/kg/day | 2 generation      |
| Glycerin                      | Ingestion | Not toxic to development         | Rat     | NOAEL 2,000 mg/kg/day | 2 generation      |
| White mineral oil (petroleum) | Ingestion | Not toxic to female reproduction | Rat     | NOAEL 4,350 mg/kg/day | 13 weeks          |
| White mineral oil (petroleum) | Ingestion | Not toxic to male reproduction   | Rat     | NOAEL 4,350 mg/kg/day | 13 weeks          |
| White mineral oil (petroleum) | Ingestion | Not toxic to development         | Rat     | NOAEL 4,350 mg/kg/day | during gestation  |

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

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

**Cavilon Durable Barrier Cream (Next Generation) 3391G, 3392G 3392GS****Specific Target Organ Toxicity - repeated exposure**

| Name                          | Route      | Target Organ(s)   | Value  | Species | Test result            | Exposure Duration |
|-------------------------------|------------|---|--|---------|------------------------|-------------------|
| Glycerin                      | Inhalation | respiratory system  | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 3.91 mg/l        | 14 days           |
| Glycerin                      | Inhalation | heart   liver   kidney and/or bladder                                   | All data are negative  | Rat     | NOAEL 3.91 mg/l        | 14 days           |
| Glycerin                      | Ingestion  | endocrine system   hematopoietic system   liver   kidney and/or bladder | All data are negative  | Rat     | NOAEL 10,000 mg/kg/day | 2 years           |
| White mineral oil (petroleum) | Ingestion  | hematopoietic system  | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 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 1,336 mg/kg/day  | 90 days           |

**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 |
|---------------------------------|------------|------------|---|----------|---------------|-------------|
| Poly(oxypropylene)stearyl ether | 25231-21-4 |            | Data not available or insufficient for classification |          |               |             |
| Isopropyl Palmitate             | 142-91-6   |            | Data not available or insufficient for classification |          |               |             |
| Coconut Oil                     | 8001-31-8  |            | Data not available or insufficient for classification |          |               |             |
| Bis(1-methylheptyl) Adipate     | 108-63-4   | Water flea | Estimated   | 48 hours | EC50          | 0.66 mg/l   |
| Bis(1-methylheptyl) Adipate     | 108-63-4   | Water flea | Estimated   | 21 days  | NOEC          | 0.017 mg/l  |
| Siloxanes and silicones, di-    | 63148-62-9 |            | Data not available or                                 |          |               |             |



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|   |              |                |   |          |                  |              |
|---|--------------|----------------|---|----------|------------------|--------------|
| Me  |              |                | insufficient for classification                       |          |                  |              |
| 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    |
| 2-phenoxyethanol  | 122-99-6     | Water flea     | Experimental  | 48 hours | EC50             | 488 mg/l     |
| 2-phenoxyethanol  | 122-99-6     | Fathead minnow | Experimental  | 96 hours | LC50             | 344 mg/l     |
| Silicic acid, sodium salt, reaction products with chlorotrimethyl silane and iso-Pr alc | 68988-56-7   |                | Data not available or insufficient for classification |          |                  |              |
| Glycerin  | 56-81-5      | Water flea     | Experimental  | 24 hours | EC50             | >10,000 mg/l |
| Glycerin  | 56-81-5      | Goldfish       | Experimental  | 24 hours | LC50             | >5,000 mg/l  |
| Paraffin Wax  | 8002-74-2    | Water flea     | Experimental  | 48 hours | EC50             | >10,000 mg/l |
| Paraffin Wax  | 8002-74-2    | Rainbow trout  | Experimental  | 96 hours | LC50             | >1,000 mg/l  |
| Paraffin Wax  | 8002-74-2    | Green algae    | Experimental  | 96 hours | EC50             | >1,000 mg/l  |
| Benzoic Acid  | 65-85-0      | Bluegill       | Experimental  | 96 hours | LC50             | 44.6 mg/l    |
| Acrylic acid, isooctylacrylate and eicosyl-, hexadecyl- and octadecyl methacrylate      | Trade Secret |                | Data not available or insufficient for classification |          |                  |              |

**12.2. Persistence and degradability**

| Material                        | CAS Nbr    | Test type   | Duration | Study Type    | Test result | Protocol                          |
|---------------------------------|------------|---|----------|---------------|-------------|-----------------------------------|
| Poly(oxypropylene)stearyl ether | 25231-21-4 | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Isopropyl Palmitate             | 142-91-6   | Estimated Biodegradation                              | 28 days  | BOD           | 85 % weight | OECD 301D - Closed bottle test    |
| Coconut Oil                     | 8001-31-8  | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Bis(1-methylheptyl) Adipate     | 108-63-4   | Estimated Biodegradation                              | 28 days  | BOD           | 71 % weight | OECD 301C - MITI test (I)         |
| Siloxanes and silicones, di-Me  | 63148-62-9 | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| White mineral oil (petroleum)   | 8042-47-5  | Experimental Biodegradation                           | 28 days  | CO2 evolution | 0 % weight  | OECD 301B - Modified sturm or CO2 |

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|   |              |   |         |                               |                               |                                     |
|---|--------------|---|---------|-------------------------------|-------------------------------|-------------------------------------|
| 2-phenoxyethanol  | 122-99-6     | Experimental Biodegradation                           | 28 days | BOD                           | 90 % weight                   | OECD 301F - Manometric respirometry |
| Silicic acid, sodium salt, reaction products with chlorotrimethylsilane and isopropanol | 68988-56-7   | Data not available or insufficient for classification | N/A     | N/A                           | N/A                           | N/A                                 |
| Glycerin  | 56-81-5      | Experimental Biodegradation                           | 14 days | BOD                           | 63 % weight                   | OECD 301C - MITI test (I)           |
| Paraffin Wax  | 8002-74-2    | Estimated Biodegradation                              | 28 days | BOD                           | 40 % weight                   | OECD 301F - Manometric respirometry |
| Benzoic Acid  | 65-85-0      | Estimated Photolysis                                  |         | Photolytic half-life (in air) | 25.4 days (t <sub>1/2</sub> ) | Other methods                       |
| Benzoic Acid  | 65-85-0      | Experimental Biodegradation                           | 14 days | BOD                           | 85 % weight                   | OECD 301C - MITI test (I)           |
| Acrylic acid, isooctylacrylate and eicosyl-, hexadecyl- and octadecyl methacrylate      | Trade Secret | Data not available or insufficient for classification | N/A     | N/A                           | N/A                           | N/A                                 |

**12.3 : Bioaccumulative potential**

| Material                          | CAS Nbr    | Test type   | Duration | Study Type             | Test result | Protocol                           |
|-----------------------------------|------------|---|----------|------------------------|-------------|------------------------------------|
| Poly(oxypropylene)stearyl ether   | 25231-21-4 | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                                |
| Isopropyl Palmitate               | 142-91-6   | Estimated Bioconcentration                            |          | Bioaccumulation factor | 15          | Estimated: Bioconcentration factor |
| Coconut Oil                       | 8001-31-8  | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                                |
| Bis(1-methylheptyl) Adipate       | 108-63-4   | Estimated BCF - Bluegill                              | 28 days  | Bioaccumulation factor | 27          | Other methods                      |
| Siloxanes and silicones, dimethyl | 63148-62-9 | 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                                |
| 2-phenoxyethanol                  | 122-99-6   | Experimental Bioconcentration                         |          | Log Kow                | 1.16        | Other methods                      |
| Silicic acid,                     | 68988-56-7 | Data not  | N/A      | N/A                    | N/A         | N/A                                |

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|  |              |   |     |         |       |  |
|--|--------------|---|-----|---------|-------|--|
| sodium salt, reaction products with chlorotrimethylsilane and isopropyl alcohol    |              | available or insufficient for classification          |     |         |       |  |
| Glycerin   | 56-81-5      | Experimental Bioconcentration                         |     | Log Kow | -1.76 | Other methods                                  |
| Paraffin Wax   | 8002-74-2    | Estimated Bioconcentration                            |     | Log Kow | 10.2  | Estimated: Octanol-water partition coefficient |
| Benzoic Acid   | 65-85-0      | Experimental Bioconcentration                         |     | Log Kow | 1.88  | Other methods                                  |
| Acrylic acid, isooctylacrylate and eicosyl-, hexadecyl- and octadecyl methacrylate | Trade Secret | Data not available or insufficient for classification | N/A | N/A     | N/A   | N/A  |

**12.4. Mobility in soil**

Please contact manufacturer for more details

**12.5. 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.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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)**

180107 Chemicals other than those mentioned in 18 01 06

**SECTION 14: Transportation information**

ADR/IATA/IMDG: Not Restricted For Transport

## **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**

|      |   |
|------|---|
| H302 | Harmful if swallowed.   |
| H304 | May be fatal if swallowed and enters airways.                   |
| H315 | Causes skin irritation.   |
| H318 | Causes serious eye damage.                                      |
| H319 | Causes serious eye irritation.                                  |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life.                                     |
| H411 | Toxic to aquatic life with long lasting effects.                |

### **List of relevant R-phrases**

|        |   |
|--------|---|
| R22    | Harmful if swallowed.   |
| R36    | Irritating to eyes.   |
| R38    | Irritating to skin.   |
| R41    | Risk of serious damage to eyes.   |
| R48/23 | Toxic: danger of serious damage to health by prolonged exposure through inhalation. |
| R50    | Very toxic to aquatic organisms.  |
| R52    | Harmful to aquatic organisms.   |
| R65    | Harmful: May cause lung damage if swallowed.  |

### **Revision information:**

Revision Changes:

Section 1: Product name information was modified.

Page Heading: Product name information was modified.

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

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

Section 12: Component ecotoxicity information information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12: Bioaccumulative potential information information was modified.

Copyright information was modified.

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

Section 11: Serious Eye Damage/Irritation Table information was modified.

Section 11: Skin Sensitization Table information was modified.

Section 11: Skin Corrosion/Irritation Table information was modified.

Section 11: Health Effects - Inhalation information information was modified.

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

Section 9: Specific physical form information information was added.

Section 9: Specific physical form heading information was added.

Section 12: No PBT/vPvB information available warning information was added.

Section 09: Solubility as text (non-water) information was added.

Section 11: Aspiration Hazard table - Name heading information was added.  
Section 11: Aspiration Hazard table - Value heading information was added.  
Section 11: Respiratory Sensitization text information was added.  
Section 11: Skin Sensitization table - Name heading information was added.  
Section 11: Skin Sensitization table - Species heading information was added.  
Section 11: Skin Sensitization table - Value heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Name heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Species heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Value heading information was added.  
Section 11: Skin Corrosion/Irritation table - Name heading information was added.  
Section 11: Skin Corrosion/Irritation table - Species heading information was added.  
Section 11: Skin Corrosion/Irritation table - Value heading information was added.  
Section 11: Germ Cell Mutagenicity table - Name heading information was added.  
Section 11: Germ Cell Mutagenicity table - Route heading information was added.  
Section 11: Germ Cell Mutagenicity table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Exposure Duration heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure text information was added.  
Section 11: Reproductive and/or Developmental Effects table - Name heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Route heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Value heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Species heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Test Result heading information was added.  
Section 11: Reproductive and/or Developmental Effects text information was added.  
Section 11: Carcinogenicity table - Name heading information was added.  
Section 11: Carcinogenicity table - Route heading information was added.  
Section 11: Carcinogenicity table - Species heading information was added.  
Section 11: Carcinogenicity table - Value heading information was added.  
Section 11: Exposure Duration table heading information was deleted.  
Section 11: Test Result table heading information was deleted.  
Section 12: PBT/vPvB table CAS No. column heading information was deleted.  
Section 12: PBT/vPvB table CAS No. column heading information was deleted.  
Section 12: PBT/vPvB table PBT/vPvB Status column heading information was deleted.  
Section 12: PBT/vPvB table row information was deleted.  
Section 9: Solubility (non-water) information was deleted.

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