



Safety Data Sheet

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| Document group: | 19-1571-9 | Version number: | 3.00 |
| Issue Date: | 18/08/2021 | Supersedes date: | 25/05/2016 |

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

SECTION 1: Identification

1.1. Product identifier

3M™ Cavilon™ Extra Dry Skin Cream 3386

Product Identification Numbers

70-2007-6446-5

1.2. Recommended use and restrictions on use

Recommended use

A skin treatment cream for tenuously affected skin to restore vitality.

For Professional and Consumer use.

1.3. Supplier's details

Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113
Telephone: 136 136
E Mail: productinfo.au@mmm.com
Website: www.3m.com.au

1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable

2.3. Other assigned/identified product hazards

None known.

2.4. Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | CAS Nbr | % by Weight |
|------------------------------------|------------|-------------|
| Water | 7732-18-5 | 60 - 80 |
| Soybean oil | 8001-22-7 | 5 - 15 |
| Glycerin | 56-81-5 | 5 - 10 |
| Cetearyl Alcohol | 67762-27-0 | 1 - 4 |
| Dimethicone | 63148-62-9 | 1 - 4 |
| Glyceryl Stearate | 67701-32-0 | 1 - 4 |
| PEG-40 Stearate | 9004-99-3 | 1 - 4 |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | 0.1 - 3 |

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. If signs/symptoms persist, get medical attention.

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

No critical symptoms or effects. 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. Suitable extinguishing media**

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**

Carbon monoxide.
Carbon dioxide.

Condition

During combustion.
During combustion.

5.3. Special protective actions 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**

Observe precautions from other sections.

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. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

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.

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 | | Australia OELs | TWA(Inspirable dust)(8 hours):10 mg/m3 | |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

8.2. Exposure controls**8.2.1. Engineering controls**

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

None required.

Skin/hand protection

No protective gloves 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: | Lotion/cream form |
| Colour | Off-White, White |
| Odour | Rose |
| Odour threshold | <i>No data available.</i> |
| pH | 7 - 8 |
| Melting point/Freezing point | <i>No data available.</i> |
| Boiling point/Initial boiling point/Boiling range | <i>Not applicable.</i> |
| Flash point | No flash point |
| Evaporation rate | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not applicable. |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Vapour pressure | <i>No data available.</i> |
| Vapor Density and/or Relative Vapor Density | <i>No data available.</i> |
| Density | <i>No data available.</i> |
| Relative density | 0.98 - 1.01 |
| Water solubility | Appreciable |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>Not applicable.</i> |
| Autoignition temperature | <i>Not applicable.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity/Kinematic Viscosity | <i>Not applicable.</i> |
| Volatile organic compounds (VOC) | <i>Not applicable.</i> |
| Percent volatile | <i>Not applicable.</i> |
| VOC less H2O & exempt solvents | <i>Not applicable.</i> |

Nanoparticles

This material does not contain nanoparticles.

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. Conditions to avoid

None known.

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance

None known.

Condition

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

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

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.

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 |
| Soybean oil | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Soybean oil | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Sorbitan monostearate, ethoxylated | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Sorbitan monostearate, ethoxylated | Ingestion | Rat | LD50 > 62,640 mg/kg |

| | | | |
|-------------|-----------|--------|---------------------|
| Dimethicone | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| Dimethicone | Ingestion | Rat | LD50 > 17,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-------------|------------------------|---------------------------|
| Soybean oil | Professional judgement | Minimal irritation |
| Glycerin | Rabbit | No significant irritation |
| Dimethicone | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-------------|------------------------|---------------------------|
| Soybean oil | Professional judgement | Mild irritant |
| Glycerin | Rabbit | No significant irritation |
| Dimethicone | Rabbit | No significant irritation |

Skin Sensitisation

| Name | Species | Value |
|-----------------|------------|----------------|
| Overall product | Human | Not classified |
| Glycerin | Guinea pig | Not classified |

Respiratory Sensitisation

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

Germ Cell Mutagenicity

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

Carcinogenicity

| Name | Route | Species | Value |
|----------|-----------|---------|--|
| Glycerin | Ingestion | Mouse | 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 |
|----------|-----------|--|---------|-----------------------------|-------------------|
| Glycerin | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

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

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target | Value | Species | Test result | Exposure |
|------|-------|--------|-------|---------|-------------|----------|
|------|-------|--------|-------|---------|-------------|----------|

| | | Organ(s) | | | | Duration |
|----------|------------|---|----------------|-----|------------------------|-----------------|
| Glycerin | Inhalation | respiratory system heart liver kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |

Aspiration Hazard

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

Exposure Levels

Refer Section 8.1 **Control Parameters** of this Safety Data Sheet.

Interactive Effects

Not determined.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity**Acute aquatic hazard:**

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

| Material | CAS Number | Organism | Type | Exposure | Test endpoint | Test result |
|------------------|-------------------|-----------------|---|-----------------|----------------------|--------------------|
| Soybean oil | | | Data not available or insufficient for classification | | | N/A |
| Glycerin | | Bacteria | Experimental | 16 hours | NOEC | 10,000 mg/l |
| Glycerin | | Rainbow trout | Experimental | 96 hours | LC50 | 54,000 mg/l |
| Glycerin | | Water flea | Experimental | 48 hours | LC50 | 1,955 mg/l |
| Cetearyl Alcohol | | Bacteria | Estimated | 30 minutes | NOEC | 10,000 mg/l |
| Cetearyl Alcohol | | Green algae | Estimated | 96 hours | EL50 | >100 mg/l |
| Cetearyl Alcohol | | Green algae | Estimated | 96 hours | NOEL | 100 mg/l |
| Dimethicone | | | Data not available or insufficient for | | | N/A |

| | | | classification | | | |
|------------------------------------|--|-------------|---|----------|------|--------------|
| Glyceryl Stearate | | | Data not available or insufficient for classification | | | N/A |
| PEG-40 Stearate | | Goldfish | Estimated | 96 hours | LC50 | >100 mg/l |
| PEG-40 Stearate | | Water flea | Estimated | 48 hours | EC50 | >100 mg/l |
| Sorbitan monostearate, ethoxylated | | Copepods | Estimated | 48 hours | LL50 | >10,000 mg/l |
| Sorbitan monostearate, ethoxylated | | Green Algae | Estimated | 72 hours | EL50 | 58.84 mg/l |
| Sorbitan monostearate, ethoxylated | | Zebra Fish | Estimated | 96 hours | LL50 | >100 mg/l |
| Sorbitan monostearate, ethoxylated | | Green Algae | Estimated | 72 hours | EC10 | 19.05 mg/l |
| Sorbitan monostearate, ethoxylated | | Water flea | Estimated | 21 days | NOEL | 10 mg/l |

12.2. Persistence and degradability

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|------------------------------------|------------|---------------------------------|----------|---------------|----------------|---------------------------|
| Soybean oil | | Experimental Biodegradation | 28 days | CO2 evolution | 76 % weight | Non-standard method |
| Glycerin | | Experimental Biodegradation | 14 days | BOD | 63 % BOD/ThBOD | OECD 301C - MITI test (I) |
| Cetearyl Alcohol | | Estimated Biodegradation | 28 days | BOD | 67 % BOD/ThBOD | Non-standard method |
| Dimethicone | | Data not available-insufficient | | | N/A | |
| Glyceryl Stearate | | Data not available-insufficient | | | N/A | |
| PEG-40 Stearate | | Data not available-insufficient | | | N/A | |
| Sorbitan monostearate, ethoxylated | | Estimated Biodegradation | 28 days | CO2 evolution | 61 % weight | Non-standard method |

12.3 : Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|-------------|------------|---|----------|------------|-------------|----------|
| Soybean oil | | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

| | | | | | | |
|------------------------------------|--|---|-----|------------------------|-------|------------------------------------|
| Glycerin | | Experimental Bioconcentration | | Log Kow | -1.76 | Non-standard method |
| Cetearyl Alcohol | | Estimated Bioconcentration | | Bioaccumulation factor | 661 | Estimated: Bioconcentration factor |
| Dimethicone | | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Glyceryl Stearate | | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Sorbitan monostearate, ethoxylated | | Experimental Bioconcentration | | Log Kow | 0.03 | Non-standard method |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

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

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility.

SECTION 14: Transport Information

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Hazchem Code: Not applicable

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

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

Australian Inventory Status:

All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC). Conditions may apply prior to introduction for direct importers of this product, Please contact 3M Australia on 136 136 for further details.

Poison Schedule: This product is not a scheduled poison according to the criteria of the Standard for the Uniform Scheduling of Medicines and Poisons.

SECTION 16: Other information

Revision information:

Complete document review.

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Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au