



Safety Data Sheet

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|---------------------------------------|-------------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

3M Marine Vinyl Cleaner, Conditioner and Protector, PN 09023

Product identification numbers

60-4550-3519-0

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

Identified uses

Marine

1.3. Details of the supplier of the substance or mixture

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

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

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

Indication of danger

Irritant.

Sensitising

2.2. Label elements

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

Symbols

Xi

Irritant.

3M Marine Vinyl Cleaner, Conditioner and Protector, PN 09023**Contains:**

2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol

Risk phrases

R43 May cause sensitisation by skin contact.
 R52/53 Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety phrases

S24 Avoid contact with skin.
 S37 Wear suitable gloves.
 S46 If swallowed, seek medical advice immediately and show this container or label.
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
 S2 Keep out of the reach of children.

Notes on labelling

Updated per Regulation (EC) 648/2004 on detergents.

Ingredients required per 648/2004: <5% Non-ionic surfactants. Contains: Tris(n-hydroxyethyl) hexahydrotriazine.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EU Inventory | % by Wt | Classification |
|---|------------|------------------|-----------|--|
| Non hazardous ingredient | Mixture | | 60 - 90 | |
| Siloxanes and silicones, di-Me | 63148-62-9 | | 7 - 13 | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | 68554-54-1 | | 1 - 5 | |
| Triethanolamine | 102-71-6 | EINECS 203-049-8 | 1 - 5 | |
| 1-Methoxypropan-2-ol | 107-98-2 | EINECS 203-539-1 | 1 - 5 | R10; R67 (EU) Flam. Liq. 3, H226; STOT SE 3, H336 (CLP) |
| Polyoxyethylene tridecyl ether | 24938-91-8 | | 0.5 - 1.5 | |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | 4719-04-4 | EINECS 225-208-0 | < 0.5 | Xn:R22; R43 (EU) Acute Tox. 4, H302; Skin Sens. 1, H317 (CLP) |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | 78330-21-9 | | < 0.5 | Xn:R22; Xi:R36; N:R50/53 (Self Classified) Acute Tox. 4, H302; Eye Irrit. 2, H319 (Self Classified) |
| Octamethylcyclotetrasiloxane | 556-67-2 | EINECS 209-136-7 | < 0.5 | Repr.Cat.3:R62; R53 (EU) Repr. 2, H361f; Aquatic Chronic 2, H413 (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

Eye contact

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

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

If swallowed

Rinse mouth. If you are concerned, get medical advice.

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

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Advice for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material 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 handle until all safety precautions have been read and understood. Avoid breathing 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

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handling. Avoid release to the environment. Use personal protective equipment (eg. gloves, respirators...) as required. Keep out of reach of children.

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

| Ingredient | CAS Nbr | Agency | Limit type | Additional comments |
|----------------------|----------|------------------------------|--|---------------------|
| 1-Methoxypropan-2-ol | 107-98-2 | Health and Safety Comm. (UK) | TWA: 375 mg/m ³ (100 ppm); STEL: 560 mg/m ³ (150 ppm) | Skin Notation |

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

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

The following eye protection(s) are recommended: Safety glasses with side shields.

Skin/hand protection

Gloves made from the following material(s) are recommended: Nitrile rubber.
Polyvinyl chloride.

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: | Viscous. |
| Appearance/Odour | Off-white viscous liquid with a slight odour |
| pH | 7.5 - 8.5 |
| Boiling point/boiling range | 100 °C |
| Melting point | No data available. |

| | |
|--|---|
| Flammability (solid, gas) | Not classified |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | No flash point |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Vapour pressure | <i>No data available.</i> |
| Relative density | ± 1 [<i>Ref Std: WATER=1</i>] |
| Water solubility | Complete |
| Partition coefficient: n-octanol/water | <i>Not applicable.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Viscosity | ≥40 Pa-s [<i>Test Method: Brookfield</i>] |
| Density | 1 g/ml |

9.2. Other information

| | |
|---|--|
| Hazardous air pollutants | 0.0111 % weight [<i>Test Method: Calculated</i>] |
| Volatile organic compounds (VOC) | 3.0 % weight [<i>Test Method: calculated per CARB title 2</i>] |
| Volatile organic compounds (VOC) | 30 g/l [<i>Test Method: calculated SCAQMD rule 443.1</i>] |
| Percent volatile | 98.26 |
| VOC less H ₂ O & exempt solvents | 150 g/l [<i>Test Method: calculated SCAQMD rule 443.1</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

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|---------------------|------------------|
| Carbon dioxide. | Not specified. |
| Carbon monoxide. | Not specified. |
| Oxides of nitrogen. | Not specified. |

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:

Eye contact

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

Skin contact

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

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

Ingestion

May cause target organ effects after ingestion.

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Toxicological Data

Acute Toxicity

| Name | Route | Species | Value | UN GHS Classification |
|---|----------------------------|---------|--|---------------------------------|
| Overall product | Ingestion | | No test data available; calculated ATE >5000 mg/kg | Not classified (5.874% unknown) |
| Siloxanes and silicones, di-Me | Dermal | | LD50 > 2000 mg/kg | Not classified |
| Siloxanes and silicones, di-Me | Ingestion | | LD50 > 17000 mg/kg | Not classified |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | | No data available | |
| 1-Methoxypropan-2-ol | Dermal | Rabbit | LD50 11,000-13,800 mg/kg | Not classified |
| 1-Methoxypropan-2-ol | Inhalation-Vapor (4 hours) | Rat | LC50 56 mg/l | Not classified |
| 1-Methoxypropan-2-ol | Ingestion | Rat | LD50 6100 mg/kg | Not classified |
| Triethanolamine | Dermal | Rabbit | LD50 > 2000 mg/kg | Category5 |
| Triethanolamine | Ingestion | Rat | LD50 8680 mg/kg | Not classified |
| Polyoxyethylene tridecyl ether | | | No data available | |
| Octamethylcyclotetrasiloxane | Dermal | Rabbit | LD50 >= 4640 mg/kg | Not classified |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | Ingestion | Rat | LD50 1350 mg/kg | Category4 |
| Octamethylcyclotetrasiloxane | Inhalation-Vapor (4 hours) | Rat | LC50 > 12.17 mg/l | Not classified |
| Octamethylcyclotetrasiloxane | Ingestion | Rat | LD50 >= 5000 mg/kg | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | Dermal | | estimated to be > 5000 mg/kg | Not classified |

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|---|----------------------|--|----------------------------------|----------------|
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | Inhalation-Dust/Mist | | estimated to be > 13 mg/l | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | Inhalation-Vapor | | estimated to be > 50 mg/l | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | Ingestion | | estimated to be 300 - 2000 mg/kg | Category4 |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value | UN GHS Classification |
|---|---------|---|-----------------------|
| Overall product | | No test data available; calculated to cause no significant irritation | Not classified |
| Siloxanes and silicones, di-Me | | Minimal irritation | Not classified |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | No data available | |
| 1-Methoxypropan-2-ol | | Minimal irritation | Not classified |
| Triethanolamine | | No data available | |
| Polyoxyethylene tridecyl ether | | No data available | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | Mild irritant | Category 3 |
| Octamethylcyclotetrasiloxane | | Minimal irritation | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | No data available | |

Serious Eye Damage/Irritation

| Name | Species | Value | UN GHS Classification |
|---|---------|---|-----------------------|
| Overall product | | No test data available; calculated to cause no significant irritation | Not classified |
| Siloxanes and silicones, di-Me | | Mild irritant | Not classified |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | No data available | |
| 1-Methoxypropan-2-ol | | Mild irritant | Not classified |
| Triethanolamine | | No data available | |
| Polyoxyethylene tridecyl ether | | No data available | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | Severe irritant | Category 2A |
| Octamethylcyclotetrasiloxane | | No significant irritation | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | No data available | |

Skin Sensitisation

| Name | Species | Value | UN GHS Classification |
|---|---------|-------------------------|--|
| Overall product | | No test data available. | Not classified based on component data |
| Siloxanes and silicones, di-Me | | No data available | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | No data available | |

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| | | | |
|---|--|--|----------------|
| 1-Methoxypropan-2-ol | | Not sensitizing | Not classified |
| Triethanolamine | | No data available | |
| Polyoxyethylene tridecyl ether | | No data available | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | Some positive data exist, but the data are not sufficient for classification | Not classified |
| Octamethylcyclotetrasiloxane | | Not sensitizing | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | No data available | |

Respiratory Sensitisation

| Name | Species | Value | UN GHS Classification |
|---|---------|-------------------------|--|
| Overall product | | No test data available. | Not classified based on component data |
| Siloxanes and silicones, di-Me | | No data available | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | No data available | |
| 1-Methoxypropan-2-ol | | No data available | |
| Triethanolamine | | No data available | |
| Polyoxyethylene tridecyl ether | | No data available | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | No data available | |
| Octamethylcyclotetrasiloxane | | No data available | |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | No data available | |

Germ Cell Mutagenicity

| Name | Route | Value | UN GHS Classification |
|---|----------|--|---|
| Overall product | | No data available | Overall Germ Cell Mutagenicity classification Not classified |
| Overall product | | No test data available. | |
| Siloxanes and silicones, di-Me | | No data available | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | No data available | |
| 1-Methoxypropan-2-ol | In vivo | Not mutagenic | Not classified |
| Triethanolamine | | No data available | |
| Polyoxyethylene tridecyl ether | | No data available | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | No data available | |
| Octamethylcyclotetrasiloxane | In Vitro | Some positive data exist, but the data are not sufficient for classification | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | No data available | |

Carcinogenicity

| Name | Route | Species | Value | UN GHS Classification |
|-----------------|-------|---------|-------------------------|-----------------------|
| Overall product | | | No test data available. | Not classified based |

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| | | | | |
|---|------------|--|--|-------------------|
| | | | | on component data |
| Siloxanes and silicones, di-Me | | | No data available | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | | No data available | |
| 1-Methoxypropan-2-ol | Inhalation | | Some positive data exist, but the data are not sufficient for classification | Not classified |
| Triethanolamine | | | No data available | |
| Polyoxyethylene tridecyl ether | | | No data available | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | | No data available | |
| Octamethylcyclotetrasiloxane | | | No data available | |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | | No data available | |

Reproductive Toxicity
Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration | UN GHS Classification |
|---|------------|---|---------|--------------------------|-------------------|---|
| Overall product | | Toxic to reproduction and/or development | | | | Overall Reproductive Toxicity classification Category 2 based on component data |
| Siloxanes and silicones, di-Me | | No data available | | | | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | No data available | | | | |
| 1-Methoxypropan-2-ol | Ingestion | Some positive reproductive/developmental data exist, but the data are not sufficient for classification | | NOEL 370 mg/kg/day | | |
| 1-Methoxypropan-2-ol | Inhalation | Some positive reproductive/developmental data exist, but the data are not sufficient for classification | | NOAEL 3.7 mg/l | | |
| Triethanolamine | | No data available | | | | |
| Polyoxyethylene tridecyl ether | | No data available | | | | |
| Alcohols, C11-14- | | No data available | | | | |

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| | | | | | | |
|---|------------|--|--|-----------------------|--|--|
| iso-, C13-rich, ethoxylated | | | | | | |
| Octamethylcyclotetrasiloxane | Ingestion | Toxic to reproduction and/or development | | NOAEL 50 mg/kg/day | | |
| Octamethylcyclotetrasiloxane | Inhalation | Toxic to reproduction and/or development | | NOAEL 3.6 mg/l | | |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | No data available | | | | |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration | UN GHS Classification |
|---|------------|-----------------------------------|--|---------|-------------------------|-------------------|-----------------------|
| Siloxanes and silicones, di-Me | | | No data available | | | | |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | | No data available | | | | |
| 1-Methoxypropan-2-ol | Dermal | central nervous system depression | Some positive data exist, but the data are not sufficient for classification | | NOAEL 1800 mg/kg/day | | Not classified |
| 1-Methoxypropan-2-ol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | | LOEL 3.75 mg/l | | Category 3 |
| Triethanolamine | | | No data available | | | | |
| Polyoxyethylene tridecyl ether | | | No data available | | | | |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | Irritation Positive | | Not classified |

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| | | | | | | | |
|---|--|--|-------------------|--|--|--|--|
| Octamethylcyclotetrasiloxane | | | No data available | | | | |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | | No data available | | | | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration | UN GHS Classification |
|---|------------|-------------------------------|--|---------|----------------------|-------------------|--|
| Overall product | | | No test data available. | | | | Not classified based on component data |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | | | No data available | | | | |
| 1-Methoxypropan-2-ol | Dermal | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | | NOAEL 1800 mg/kg/day | | Not classified |
| 1-Methoxypropan-2-ol | Dermal | hematopoietic system | All data are negative | | NOAEL 1000 mg/kg/day | | Not classified |
| 1-Methoxypropan-2-ol | Inhalation | liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | | NOEL 3.7 mg/l | | Not classified |
| 1-Methoxypropan-2-ol | Inhalation | hematopoietic system | All data are negative | | NOAEL 2.2 mg/l | | Not classified |
| 1-Methoxypropan-2-ol | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | | NOAEL 920 mg/kg/day | | Not classified |
| 1-Methoxypropan-2-ol | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | | NOEL 920 mg/kg/day | | Not classified |
| Triethanolamine | | | No data available | | | | |
| Polyoxyethylene | | | No data available | | | | |

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|---|------------|-----------------------|--|--|---------------------|--|----------------|
| lene tridecyl ether | | | available | | | | |
| Octamethylcyclotetrasiloxane | Dermal | hematopoietic system | All data are negative | | NOAEL 960 mg/kg/day | | Not classified |
| Octamethylcyclotetrasiloxane | Inhalation | endocrine system | Some positive data exist, but the data are not sufficient for classification | | NOEL 6.1 mg/l | | Not classified |
| Octamethylcyclotetrasiloxane | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | | LOEL 0.6 mg/l | | Not classified |
| Octamethylcyclotetrasiloxane | Inhalation | immune system | Some positive data exist, but the data are not sufficient for classification | | NOEL 6.1 mg/l | | Not classified |
| Octamethylcyclotetrasiloxane | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | | NOEL 0.8 mg/l | | Not classified |
| Octamethylcyclotetrasiloxane | Inhalation | hematopoietic system | All data are negative | | NOAEL 8.5 mg/l | | Not classified |
| Octamethylcyclotetrasiloxane | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | | LOEL 25 mg/kg/day | | Not classified |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | | | No data available | | | | |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | | | No data available | | | | |

Aspiration Hazard

| Name | Value | UN GHS Classification |
|---|--------------------------|---|
| Overall product | No test data available. | Not classified based on component and/or viscosity data |
| Siloxanes and silicones, di-Me | Not an aspiration hazard | Not classified |
| Silsesquioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated | Not an aspiration hazard | Not classified |
| 1-Methoxypropan-2-ol | Not an aspiration hazard | Not classified |
| Triethanolamine | Not an aspiration hazard | Not classified |

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| | | |
|---|--------------------------|----------------|
| Polyoxyethylene tridecyl ether | Not an aspiration hazard | Not classified |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | Not an aspiration hazard | Not classified |
| Octamethylcyclotetrasiloxane | Not an aspiration hazard | Not classified |
| 2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol | Not an aspiration hazard | Not classified |

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 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:**

GHS Acute 2: Toxic to aquatic life with long lasting effects.

Chronic aquatic hazard:

GHS Chronic 2: Toxic to aquatic life with long lasting effects.

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

12.3 : Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

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

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

As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

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 Marine Vinyl Cleaner, Conditioner and Protector, PN 09023

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)

20 01 29* Detergents containing dangerous substances

SECTION 14: Transportation information

60-4550-3519-0

Not hazardous for transportation

SECTION 15: Regulatory information

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

Carcinogenicity

Ingredient

Triethanolamine

CAS Nbr

102-71-6

Classification

Gr. 3: Not classifiable

Regulation

International Agency
for Research on Cancer

Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information. The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

List of ingredients according to Annex VII D of the regulation on detergents 648/2004/EC

The following ingredient information is provided per Regulation EC No. 648/2004 on Detergents:

Aqua
Dimethicone
Silsequioxanes, 3-[(2-aminoethyl)amino]propyl, polymers with di-Me siloxanes, hydroxy-terminated
Methoxyisopropanol
Triethanolamine
Trideceth
Isopropyl alcohol
Octocrylene
Alcohols, C11-14-iso-, C13-rich, ethoxylated
Cyclopentasiloxane
Cyclotetrasiloxane
Polymer
Tris(n-hydroxyethyl) hexahydrotriazine

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

| | |
|-------|---|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H361f | Suspected of damaging fertility. |
| H413 | May cause long lasting harmful effects to aquatic life. |

List of relevant R-phrases

| | |
|--------|--|
| R10 | Flammable. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |
| R43 | May cause sensitisation by skin contact. |
| R50/53 | Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |
| R53 | May cause long-term adverse effects in the aquatic environment. |
| R62 | Possible risk of impaired fertility. |
| R67 | Vapours may cause drowsiness and dizziness. |

Revision information:

Revision Changes:

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

Copyright was modified.

Aspiration Hazard Table was modified.

Section 11: Acute Toxicity table was modified.

Carcinogenicity Table was modified.

Serious Eye Damage/Irritation Table was modified.

Germ Cell Mutagenicity Table was modified.

Skin Sensitisation Table was modified.

Respiratory Sensitisation Table was modified.

Reproductive Toxicity Table was modified.

Skin Corrosion/Irritation Table was modified.

Target Organs - Single Table 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 (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.

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