# Safety Data Sheet



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| **Document group:** | 33-8784-2 | **Version number:** | 2.03 |
| **Issue Date:** | 2025/05/29 | **Supercedes Date:** | 2020/10/19 |

This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

## SECTION 1: Identification

### 1.1. Product identifier
Stainless Steel Cleaner and Protector

**Product Identification Numbers**
61-0000-6420-6 70-0716-5972-9 70-0716-6072-7 70-0716-6073-5 UU-0092-9943-7

### 1.2. Recommended use and restrictions on use

**Intended Use**
Hard Surface Cleaner

**Specific Use**
For use on stainless steel surfaces. No fragrance added.

**Restrictions on use**
Not applicable

### 1.3. Supplier's details

| | |
|---|---|
| **Company:** | 3M Canada Company |
| **Division:** | Commercial Branding and Transportation Division |
| **Address:** | 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1 |
| **Telephone:** | (800) 364-3577 |
| **Website:** | www.3M.ca |

### 1.4. Emergency telephone number
Medical Emergency Telephone:1-800-3M HELPS / 1800 364 3577

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture
Not classified according to the Canadian Hazardous Products Regulation.

### 2.2. Label elements
**Signal word**
Not applicable.

**Symbols**
Not applicable

**Pictograms**
Not applicable

**2.3. Other hazards**
None known.

## SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|---|---|---|---|
| Water | 7732-18-5 | 60 - 100 | Water |
| Ethanol | 64-17-5 | < 0.4 | Ethanol |
| 3M Protector | Trade Secret | < 0.05 | Not Applicable |
| Glycerin | 56-81-5 | < 0.05 | 1,2,3-Propanetriol |
| Non-Ionic Surfactant 1 | Trade Secret | < 0.05 | Not Applicable |
| Surfactant | Trade Secret | 0.0125 - 0.025 | Not Applicable |
| Non-Ionic Surfactant 2 | Trade Secret | 0.001 - 0.02 | Not Applicable |
| Methylchloroisothiazolinone | 26172-55-4 | < 0.001 | 3(2H)-Isothiazolone, 5-chloro-2-methyl- |
| Methylisothiazolinone | 2682-20-4 | < 0.001 | 3(2H)-Isothiazolone, 2-methyl- |

## SECTION 4: First aid measures

**4.1. Description of first aid measures**

**Inhalation:**
No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

**Skin Contact:**
If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**
If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

**If Swallowed:**
Do not induce vomiting. 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**
Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

**5.2. Unsuitable extinguishing media**
None Determined

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

None inherent in this product.

**Hazardous Decomposition or By-Products**

| Substance | Condition |
|---|---|
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |

**5.4. Special protection 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**
Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. 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. Observe precautions from other sections.

**6.2. Environmental precautions**
Avoid release to the environment.

**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 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**
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 | C.A.S. No. | Agency | Limit type | Additional Comments |
|---|---|---|---|---|
| Ethanol | 64-17-5 | ACGIH | STEL:1000 ppm | |

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit
CEIL: Ceiling

**8.2. Exposure controls**

**8.2.1. Engineering controls**
No engineering controls required.

**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 |
| **Colour** | Colourless |
| **Odour** | Odourless |
| **Odour threshold** | *No Data Available* |
| **pH** | 9 |
| **Melting point/Freezing point** | *No Data Available* |
| **Boiling point** | 100 ºC |
| **Flash Point** | No flash point |
| **Evaporation rate** | *No Data Available* |
| **Flammability** | Not Applicable |
| **Flammable Limits(LEL)** | *Not Applicable* |
| **Flammable Limits(UEL)** | *Not Applicable* |
| **Vapour Pressure** | *No Data Available* |
| **Relative Vapour Density** | *No Data Available* |
| **Density** | *No Data Available* |
| **Relative density** | 1 [*Ref Std:*WATER=1] [*Details:*Approximately] |
| **Water solubility** | Complete |
| **Solubility- non-water** | Complete |
| **Partition coefficient: n-octanol/ water** | *No Data Available* |
| **Autoignition temperature** | *No Data Available* |
| **Decomposition temperature** | *No Data Available* |
| **Kinematic Viscosity** | *No Data Available* |
| **Volatile Organic Compounds** | *No Data Available* |
| **Percent volatile** | *No Data Available* |
| **VOC Less H2O & Exempt Solvents** | *No Data Available* |
| **Molecular weight** | *Not Applicable* |

| | |
|---|---|
| **Particle Characteristics** | *Not Applicable* |

## 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 polymerization will not occur.

**10.4. Conditions to avoid**
None known.

**10.5. Incompatible materials**
None known.

**10.6. Hazardous decomposition products**

| Substance | Condition |
|---|---|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

## 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 labeling, 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:**
No known health effects.

**Additional Information:**

This product contains ethanol. Alcoholic beverages and ethanol in alcoholic beverages have been classified by the International Agency for Research on Cancer as carcinogenic to humans. There are also data associating human consumption of alcoholic beverages with developmental toxicity and liver toxicity. Exposure to ethanol during the foreseeable use of this product is not expected to cause cancer, developmental toxicity, or liver toxicity.

**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 |
| Ethanol | Dermal | Rabbit | LD50 > 15,800 mg/kg |
| Ethanol | Inhalation-Vapor (4 hours) | Rat | LC50 124.7 mg/l |
| Ethanol | Ingestion | Rat | LD50 17,800 mg/kg |
| Non-Ionic Surfactant 1 | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Non-Ionic Surfactant 1 | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Surfactant | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Surfactant | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Surfactant | Inhalation-Dust/Mist (4 hours) | similar compounds | LC50 > 1.6 mg/l |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Non-Ionic Surfactant 2 | Dermal | Rabbit | LD50 > 1,000 mg/kg |
| Non-Ionic Surfactant 2 | Ingestion | Rat | LD50 > 2,500 mg/kg |
| Methylchloroisothiazolinone | Dermal | Rabbit | LD50 87 mg/kg |
| Methylchloroisothiazolinone | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.171 mg/l |
| Methylchloroisothiazolinone | Ingestion | Rat | LD50 40 mg/kg |
| Methylisothiazolinone | Dermal | Rabbit | LD50 87 mg/kg |
| Methylisothiazolinone | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.171 mg/l |
| Methylisothiazolinone | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name | Species | Value |
|---|---|---|
| Ethanol | Rabbit | No significant irritation |
| Non-Ionic Surfactant 1 | Rabbit | Minimal irritation |
| Surfactant | similar compounds | Mild irritant |
| Glycerin | Rabbit | No significant irritation |
| Non-Ionic Surfactant 2 | Rabbit | Irritant |
| Methylchloroisothiazolinone | Rabbit | Corrosive |
| Methylisothiazolinone | Rabbit | Corrosive |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---|---|---|
| Ethanol | Rabbit | Severe irritant |
| Non-Ionic Surfactant 1 | Rabbit | Corrosive |
| Surfactant | similar compounds | Moderate irritant |
| Glycerin | Rabbit | No significant irritation |
| Non-Ionic Surfactant 2 | Rabbit | Corrosive |
| Methylchloroisothiazolinone | Rabbit | Corrosive |
| Methylisothiazolinone | Rabbit | Corrosive |

**Skin Sensitization**

| Name | Species | Value |
|---|---|---|
| Ethanol | Human | Not classified |
| Non-Ionic Surfactant 1 | Mouse | Not classified |

| | | |
|---|---|---|
| Surfactant | similar compounds | Not classified |
| Glycerin | Guinea pig | Not classified |
| Non-Ionic Surfactant 2 | Guinea pig | Not classified |
| Methylchloroisothiazolinone | Human and animal | Sensitizing |
| Methylisothiazolinone | Human and animal | Sensitizing |

**Photosensitization**

| Name | Species | Value |
|---|---|---|
| Methylchloroisothiazolinone | Human and animal | Not sensitizing |
| Methylisothiazolinone | Human and animal | Not sensitizing |

**Respiratory Sensitization**

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

**Germ Cell Mutagenicity**

| Name | Route | Value |
|---|---|---|
| Ethanol | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Ethanol | In vivo | Some positive data exist, but the data are not sufficient for classification |
| Non-Ionic Surfactant 1 | In Vitro | Not mutagenic |
| Surfactant | In Vitro | Not mutagenic |
| Non-Ionic Surfactant 2 | In Vitro | Not mutagenic |
| Non-Ionic Surfactant 2 | In vivo | Not mutagenic |
| Methylchloroisothiazolinone | In vivo | Not mutagenic |
| Methylchloroisothiazolinone | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Methylisothiazolinone | In vivo | Not mutagenic |
| Methylisothiazolinone | In Vitro | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name | Route | Species | Value |
|---|---|---|---|
| Ethanol | Ingestion | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Methylchloroisothiazolinone | Dermal | Mouse | Not carcinogenic |
| Methylchloroisothiazolinone | Ingestion | Rat | Not carcinogenic |
| Methylisothiazolinone | Dermal | Mouse | Not carcinogenic |
| Methylisothiazolinone | Ingestion | Rat | Not carcinogenic |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|---|---|---|---|---|
| Ethanol | Inhalation | Not classified for development | Rat | NOAEL 38 | during |

| | | | | | |
|---|---|---|---|---|---|
| | | | | mg/l | gestation |
| Ethanol | Ingestion | Not classified for development | Rat | NOAEL 5,200 mg/kg/day | premating & during gestation |
| Surfactant | Dermal | Not classified for female reproduction | Rat | NOAEL 250 mg/kg/day | 2 generation |
| Surfactant | Dermal | Not classified for development | Rat | NOAEL 250 mg/kg/day | 2 generation |
| Surfactant | Dermal | Not classified for male reproduction | Rat | NOAEL 100 mg/kg/day | 2 generation |
| 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 |
| Methylchloroisothiazolinone | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Methylchloroisothiazolinone | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Methylchloroisothiazolinone | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |
| Methylisothiazolinone | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Methylisothiazolinone | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Methylisothiazolinone | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

## Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|---|---|---|---|---|---|
| Ethanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | LOAEL 9.4 mg/l | not available |
| Ethanol | Inhalation | central nervous system depression | Not classified | Human and animal | NOAEL not available | |
| Ethanol | Ingestion | central nervous system depression | Not classified | Multiple animal species | NOAEL not available | |
| Ethanol | Ingestion | kidney and/or bladder | Not classified | Dog | NOAEL 3,000 mg/kg | |
| Non-Ionic Surfactant 1 | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| Surfactant | Inhalation | respiratory irritation | Not classified | similar health hazards | NOAEL Not available | |
| Non-Ionic Surfactant 2 | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| Methylchloroisothiazolinone | Inhalation | respiratory irritation | May cause respiratory irritation | similar health hazards | NOAEL Not available | |
| Methylisothiazolinone | Inhalation | respiratory irritation | May cause respiratory irritation | similar health hazards | NOAEL Not available | |

### Specific Target Organ Toxicity - repeated exposure

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Ethanol | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Rabbit | LOAEL 124 mg/l | 365 days |
| Ethanol | Inhalation | hematopoietic system \| immune system | Not classified | Rat | NOAEL 25 mg/l | 14 days |
| Ethanol | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 8,000 mg/kg/day | 4 months |
| Ethanol | Ingestion | kidney and/or bladder | Not classified | Dog | NOAEL 3,000 mg/kg/day | 7 days |
| Surfactant | Dermal | kidney and/or bladder \| heart \| hematopoietic system \| liver \| nervous system \| respiratory system | Not classified | Rat | NOAEL 125 mg/kg/day | 13 weeks |
| 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 |
| Non-Ionic Surfactant 2 | Ingestion | gastrointestinal tract | Not classified | Rat | NOAEL 250 mg/kg/day | 90 days |
| Non-Ionic Surfactant 2 | Ingestion | endocrine system \| liver \| immune system \| nervous system \| hematopoietic system \| eyes | Not classified | Rat | NOAEL 1,000 mg/kg/day | 90 days |

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

**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

No data available.

## SECTION 13: Disposal considerations

**13.1. Disposal methods**

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

## SECTION 14: Transport Information

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

## 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. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

## SECTION 16: Other information

**National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.**
**Health:** 0 **Flammability:** 0 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF PERFORMANCE, COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

**3M Canada SDSs are available at www.3M.ca**