



## Safety Data Sheet

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

### SECTION 1: Identification

#### 1.1. Product identifier

Scotchgard™ Stainless Steel Cleaner

#### Product Identification Numbers

70-0052-6225-1      70-0070-2960-9

#### 1.2. Recommended use and restrictions on use

##### Intended Use

Consumer use

##### Specific Use

Cleans stainless steel surfaces.

##### Restrictions on use

Not applicable

#### 1.3. Supplier's details

**Company:** 3M Canada Company  
**Division:** Home Care 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: (519) 451-2500, Ext. 2222; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

### SECTION 2: Hazard identification

The following product identification number(s) are sold in the consumer market place:

70-0070-2960-9

#### 2.1. Classification of the substance or mixture

Flammable Aerosol: Category 1.

Gas Under Pressure: Liquefied gas.

## Scotchgard™ Stainless Steel Cleaner

Specific Target Organ Toxicity (single exposure): Category 1.

### 2.2. Label elements

#### Signal word

Danger

#### Symbols

Flame | Gas cylinder | Health Hazard |

#### Pictograms



#### Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

Causes damage to organs: cardiovascular system |

#### Precautionary statements

##### General:

Keep out of reach of children.

##### Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.

##### Response:

IF exposed or concerned: Call a POISON CENTRE or doctor/physician. Specific treatment (see Notes to Physician on this label).

##### Storage:

Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Store locked up.

##### Disposal:

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

##### Notes to Physician:

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

### 2.3. Other hazards

None known.

17% of the mixture consists of ingredients of unknown acute oral toxicity.

## SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient                    | C.A.S. No. | % by Wt                | Common Name                   |
|-------------------------------|------------|------------------------|-------------------------------|
| Water                         | 7732-18-5  | 40 - 70                | Water                         |
| White Mineral Oil (Petroleum) | 8042-47-5  | 10 - 30 Trade Secret * | White mineral oil (petroleum) |

## Scotchgard™ Stainless Steel Cleaner

|                 |           |                       |                                      |
|-----------------|-----------|-----------------------|--------------------------------------|
| ISOBUTANE       | 75-28-5   | 7 - 13 Trade Secret * | Propane, 2-methyl-                   |
| Sorbitan Oleate | 1338-43-8 | 0.5 - 1.5             | Sorbitan, mono-9-octadecenoate, (Z)- |

\*The actual concentration of this ingredient has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Remove person to fresh air. Get medical attention.

#### Skin Contact:

Wash with soap and water. If you feel unwell, get medical attention.

#### 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

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

## 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

Closed containers exposed to heat from fire may build pressure and explode.

#### Hazardous Decomposition or By-Products

##### Substance

Carbon monoxide

Carbon dioxide

##### Condition

During Combustion

During Combustion

### 5.3. Special protective actions for fire-fighters

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

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

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

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

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

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store away from heat. Store away from acids. Store away from oxidizing agents.

## 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 |
|-----------------------------------|------------|--------|---------------------------------|---------------------|
| ISOBUTANE                         | 75-28-5    | ACGIH  | STEL:1000 ppm                   |                     |
| MINERAL OILS, HIGHLY-REFINED OILS | 8042-47-5  | ACGIH  | TWA(inhalable fraction):5 mg/m3 |                     |

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

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

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

Full Face Shield

Indirect Vented Goggles

### Skin/hand protection

No chemical protective gloves are required.

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece supplied-air respirator

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

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

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| Physical state                          | Liquid                                                  |
| Specific Physical Form:                 | Aerosol                                                 |
| Colour                                  | White                                                   |
| Odour                                   | Citrus                                                  |
| Odour threshold                         | No Data Available                                       |
| pH                                      | 9 - 11                                                  |
| Melting point/Freezing point            | No Data Available                                       |
| Boiling point                           | > 100 °C                                                |
| Flash Point                             | No flash point                                          |
| Evaporation rate                        | No Data Available                                       |
| Flammability (solid, gas)               | Not Applicable                                          |
| Flammable Limits(LEL)                   | No Data Available                                       |
| Flammable Limits(UEL)                   | No Data Available                                       |
| Vapour Pressure                         | No Data Available                                       |
| Vapour Density                          | No Data Available                                       |
| Density                                 | Approximately 0.95 g/ml                                 |
| Relative density                        | 0.92 - 0.98 [Ref Std:WATER=1]                           |
| Water solubility                        | Complete                                                |
| Solubility- non-water                   | No Data Available                                       |
| Partition coefficient: n-octanol/ water | No Data Available                                       |
| Autoignition temperature                | No Data Available                                       |
| Decomposition temperature               | No Data Available                                       |
| Viscosity                               | < 4,500 mPa-s [Details:For Liquid]                      |
| Average particle size                   | No Data Available                                       |
| Bulk density                            | No Data Available                                       |
| Molecular weight                        | No Data Available                                       |
| Volatile Organic Compounds              | 10 - 12 % [Test Method:calculated per CARB title 2]     |
| Percent volatile                        | 75 - 80 %                                               |
| Softening point                         | No Data Available                                       |
| VOC Less H2O & Exempt Solvents          | 265 - 295 g/l [Test Method:calculated per CARB title 2] |

## 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 polymerization will not occur.

**10.4. Conditions to avoid**

Heat

Sparks and/or flames

**10.5. Incompatible materials**

Strong oxidizing agents

Strong acids

**10.6. Hazardous decomposition products****Substance****Condition**

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

|                                              |
|----------------------------------------------|
| <b>SECTION 11: Toxicological information</b> |
|----------------------------------------------|

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:**

May cause additional health effects (see below).

**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 diarrhea.

**Additional Health Effects:****Single exposure may cause target organ effects:**

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

**Toxicological Data**

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

**Acute Toxicity**

| Name            | Route     | Species | Value                                          |
|-----------------|-----------|---------|------------------------------------------------|
| Overall product | Ingestion |         | No data available; calculated ATE >5,000 mg/kg |

**Scotchgard™ Stainless Steel Cleaner**

|                               |                          |        |                                    |
|-------------------------------|--------------------------|--------|------------------------------------|
| White Mineral Oil (Petroleum) | Dermal                   | Rabbit | LD50 > 2,000 mg/kg                 |
| White Mineral Oil (Petroleum) | Ingestion                | Rat    | LD50 > 5,000 mg/kg                 |
| ISOBUTANE                     | Inhalation-Gas (4 hours) | Rat    | LC50 276,000 ppm                   |
| Sorbitan Oleate               | Dermal                   |        | LD50 estimated to be > 5,000 mg/kg |
| Sorbitan Oleate               | Ingestion                | Rat    | LD50 > 39,800 mg/kg                |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                          | Species                | Value                     |
|-------------------------------|------------------------|---------------------------|
| White Mineral Oil (Petroleum) | Rabbit                 | No significant irritation |
| ISOBUTANE                     | Professional judgement | No significant irritation |

**Serious Eye Damage/Irritation**

| Name                          | Species                | Value                     |
|-------------------------------|------------------------|---------------------------|
| White Mineral Oil (Petroleum) | Rabbit                 | Mild irritant             |
| ISOBUTANE                     | Professional judgement | No significant irritation |

**Skin Sensitization**

| Name                          | Species    | Value          |
|-------------------------------|------------|----------------|
| White Mineral Oil (Petroleum) | Guinea pig | Not classified |

**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         |
|-------------------------------|----------|---------------|
| White Mineral Oil (Petroleum) | In Vitro | Not mutagenic |
| ISOBUTANE                     | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name                          | Route      | Species                 | Value            |
|-------------------------------|------------|-------------------------|------------------|
| 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 |
|-------------------------------|-----------|----------------------------------------|---------|-----------------------|-------------------|
| White Mineral Oil (Petroleum) | Ingestion | Not classified for female reproduction | Rat     | NOAEL 4,350 mg/kg/day | 13 weeks          |
| White Mineral Oil (Petroleum) | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 4,350 mg/kg/day | 13 weeks          |
| White Mineral Oil (Petroleum) | Ingestion | Not classified for development         | Rat     | NOAEL 4,350 mg/kg/day | during gestation  |

**Target Organ(s)**

**Scotchgard™ Stainless Steel Cleaner****Specific Target Organ Toxicity - single exposure**

| Name      | Route      | Target Organ(s)                   | Value                             | Species                 | Test result         | Exposure Duration |
|-----------|------------|-----------------------------------|-----------------------------------|-------------------------|---------------------|-------------------|
| ISOBUTANE | Inhalation | cardiac sensitization             | Causes damage to organs           | Multiple animal species | NOAEL Not available |                   |
| ISOBUTANE | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal        | NOAEL Not available |                   |
| ISOBUTANE | Inhalation | respiratory irritation            | Not classified                    | Mouse                   | NOAEL Not available |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name                          | Route      | Target Organ(s)       | Value          | Species | Test result           | Exposure Duration |
|-------------------------------|------------|-----------------------|----------------|---------|-----------------------|-------------------|
| White Mineral Oil (Petroleum) | Ingestion  | hematopoietic system  | Not classified | Rat     | NOAEL 1,381 mg/kg/day | 90 days           |
| White Mineral Oil (Petroleum) | Ingestion  | liver   immune system | Not classified | Rat     | NOAEL 1,336 mg/kg/day | 90 days           |
| ISOBUTANE                     | Inhalation | kidney and/or bladder | Not classified | Rat     | NOAEL 4,500 ppm       | 13 weeks          |

**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**

No data 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. Facility must be capable of handling aerosol cans.

**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 material are in compliance with the provisions of the Korea Chemical Control Act. 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. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. 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: 2 Flammability: 4 Instability: 0 Special Hazards: None**  
**Aerosol Storage Code: 1**

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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