



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier
Scotchgard™ Bonnet Cleaner Concentrate (Product No. 11, Twist 'n Fill™ System)

| Product Identification Numbers | | | |
|--------------------------------|------------------|----------------|------------------|
| ID Number | UPC | ID Number | UPC |
| 61-0000-6334-9 | | 61-0000-6375-2 | |
| 70-0712-8511-1 | 00-48011-25981-4 | 70-0712-8512-9 | 00-48011-25982-1 |
| 70-0716-8305-9 | 00-48011-25981-4 | 70-0716-8306-7 | 00-48011-25982-1 |

7000002225, 7100127056, 7010385260, 7010328500

1.2. Recommended use and restrictions on use

Recommended use
Carpet Care, Carpet Cleaner

1.3. Supplier’s details

| | |
|---------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Commercial Branding and Transportation Division |
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification
Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements
Signal word
Not applicable.

Symbols
Not applicable.

Pictograms

Not applicable.

2% of the mixture consists of ingredients of unknown acute oral toxicity.

2% of the mixture consists of ingredients of unknown acute dermal toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---------------|------------------------|
| Water | 7732-18-5 | 60 - 90 Trade Secret * |
| Propoxypropanol | 1569-01-3 | 3 - 7 Trade Secret * |
| Polymer (NJTSRN 04499600-6944) | Trade Secret* | 1 - 5 Trade Secret * |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | 69227-09-4 | < 1 Trade Secret * |
| Sodium Lauryl Sulfate | 68585-47-7 | < 1 Trade Secret * |
| FRAGRANCE (PROPRIETARY MIXTURE) | Trade Secret* | < 1 Trade Secret * |

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

*The specific chemical identity and/or exact percentage (concentration) of this composition 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. If you feel unwell, get medical attention.

Skin Contact:

If exposed, wash with soap and water. If signs/symptoms develop, 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:

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

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

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

Oxides of Sulfur

Condition

During Combustion

During Combustion

During Combustion

5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Ventilate the area with fresh air. Observe precautions from other sections. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. 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**

For industrial/occupational use only. Not for consumer sale or use. This product is not intended to be used without prior dilution as specified on the product label. Grounding or safety shoes with electrostatic dissipating soles (ESD) are not required with a chemical dispensing system. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

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 |
|---------------------------------|--------------|--------|------------|---|
| FRAGRANCE (PROPRIETARY MIXTURE) | Trade Secret | ACGIH | TWA:20 ppm | A4: Not class. as human carcin, Dermal Sensitizer |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

NOTE: When used with a chemical dispensing system as directed, special ventilation is not required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

NOTE: When used with a chemical dispensing system as directed, eye contact with the concentrate is not expected to occur. The following protection(s) are recommended if the product is not used with a chemical dispensing system or if there is an accidental release, wear protective eye/face protection.

Skin/hand protection

NOTE: When used with a chemical dispensing system as directed, skin contact with the concentrate is not expected to occur.

Respiratory protection

NOTE: When used with a chemical dispensing system as directed, respiratory protection is not required.

If product is not used with a chemical dispensing system or if there is an accidental release:

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 air-purifying respirator suitable for organic vapors

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

Appearance

Physical state

Liquid

Color

Yellow

Specific Physical Form:

Liquid

Odor

Pleasant Odor

Odor threshold

No Data Available

pH

7.7 - 9.7

Melting point

Not Applicable

Boiling Point

Approximately 212 °F

Flash Point

Approximately > 200 °F [Test Method: Closed Cup]

Evaporation rate

Approximately 1 [Ref Std: WATER=1]

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

No Data Available

Flammable Limits(UEL)

No Data Available

Vapor Pressure

<=27 psia [@ 131 °F]

Vapor Density

No Data Available

Density

1.01 g/cm3 [Ref Std: WATER=1]

Specific Gravity

Approximately 1.01 [@ 72 °F] [Ref Std: WATER=1]

Solubility In Water

No Data Available

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 | 14.2 Saybolt Universal Second - 15.6 Saybolt Universal Second [@ 72 °F] |
| Hazardous Air Pollutants | <i>No Data Available</i> |
| Volatile Organic Compounds | 3 - 7 % [Test Method:calculated per CARB title 2] |
| Percent volatile | <i>No Data Available</i> |
| VOC Less H2O & Exempt Solvents | < 900 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

Not determined

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

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

| | |
|-------------|--|
| None known. | |
|-------------|--|

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not 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:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

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.

Toxicological Data

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

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|-------------------|--|
| Overall product | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Propoxypropanol | Dermal | Rabbit | LD50 2,805 mg/kg |
| Propoxypropanol | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 11.8 mg/l |
| Propoxypropanol | Ingestion | Rat | LD50 2,500 mg/kg |
| Polymer (NJTSRN 04499600-6944) | Dermal | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Polymer (NJTSRN 04499600-6944) | Ingestion | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | Ingestion | Rat | LD50 520 mg/kg |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | Dermal | similar compounds | LD50 >1000, <1600 mg/kg |
| Sodium Lauryl Sulfate | Ingestion | Rat | LD50 1,830 mg/kg |
| Sodium Lauryl Sulfate | Dermal | similar compounds | LD50 > 2,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|-------------------|--------------------|
| Propoxypropanol | Rabbit | Minimal irritation |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | similar compounds | Irritant |
| Sodium Lauryl Sulfate | similar compounds | Irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|-------------------|-----------------|
| Propoxypropanol | Rabbit | Severe irritant |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | similar compounds | Corrosive |
| Sodium Lauryl Sulfate | similar compounds | Corrosive |

Skin Sensitization

| Name | Species | Value |
|---|-------------------|----------------|
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | similar compounds | Not classified |
| Sodium Lauryl Sulfate | similar compounds | 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 |
|---|----------|---------------|
| Propoxypropanol | In Vitro | Not mutagenic |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | In Vitro | Not mutagenic |
| Sodium Lauryl Sulfate | In Vitro | Not mutagenic |

Carcinogenicity

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

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|-----------------|------------|--------------------------------|---------|----------------|----------------------|
| Propoxypropanol | Inhalation | Not classified for development | Rat | NOAEL 3.6 mg/l | during organogenesis |

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

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|------------|-----------------------------------|--|-------------------------|---------------------|-------------------|
| Propoxypropanol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | LOAEL 10.8 mg/l | 6 hours |
| Propoxypropanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Propoxypropanol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Rat | LOAEL 1,770 mg/kg | not applicable |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| Sodium Lauryl Sulfate | Inhalation | respiratory irritation | May cause respiratory irritation | similar compounds | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|------------|--|----------------|---------|---------------------|-------------------|
| Propoxypropanol | Inhalation | liver kidney and/or bladder | Not classified | Rat | NOAEL 9.5 mg/l | 11 days |
| Benzenesulfonic acid, dodecyl-, branched, sodium salt | Ingestion | liver heart endocrine system gastrointestinal tract hematopoietic system immune system muscles nervous system kidney and/or bladder respiratory system vascular system | Not classified | Rat | NOAEL 250 mg/kg/day | 12 weeks |

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

Ecotoxicological information

A 3M Product Environmental Data Sheet (PED) is available.

Chemical fate information

A 3M Product Environmental Data Sheet (PED) is 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. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

EPA Hazardous Waste Number (RCRA): Not regulated

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. US Federal Regulations

EPCRA 311/312 Hazard Classifications:

| Physical Hazards |
|------------------|
| Not applicable |

| Health Hazards |
|----------------|
| Not applicable |

15.2. State Regulations

15.3. Chemical Inventories

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional 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 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.

This product complies with the New Zealand Hazardous Substances and New Organisms Act (1996).

15.4. International Regulations

| |
|---|
| This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
|---|

SECTION 16: Other information

NFPA Hazard Classification

Health: 1 **Flammability:** 1 **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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