



## Safety Data Sheet

Copyright, 2024, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

**Document Group:** 41-9486-6  
**Issue Date:** 06/13/24

**Version Number:** 3.00  
**Supersedes Date:** 03/31/23

### SECTION 1: Identification

#### 1.1. Product identifier

3M(tm) Clean & Shine Daily Floor Enhancer Concentrate (BULK and DOSER)

#### Product Identification Numbers

| ID Number      | UPC | ID Number      | UPC |
|----------------|-----|----------------|-----|
| 75-0400-7524-6 |     | 75-0400-7525-3 |     |

7100235122, 7100236082

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

##### Recommended use

Hard Floor Maintenance

#### 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

Serious Eye Damage/Irritation: Category 2A.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

##### Pictograms

**Hazard Statements**

Causes serious eye irritation.

**Precautionary Statements****Prevention:**

Wear eye/face protection.  
Wash thoroughly after handling.

**Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

3% of the mixture consists of ingredients of unknown acute oral toxicity.  
3% 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     | 75 - 100 Trade Secret *  |
| Acrylic Co-Polymer                | Trade Secret* | < 10 Trade Secret *      |
| ETHOXYLATED C9-11 ALCOHOLS        | 68439-46-3    | < 3.5 Trade Secret *     |
| Branched Alkyl Alcohol Alkoxylate | Trade Secret* | 0.5 - 1.5 Trade Secret * |
| Lithium Polysilicate              | 12627-14-4    | < 1.2 Trade Secret *     |
| Ethoxydiglycol                    | 111-90-0      | < 1 Trade Secret *       |
| Silanetriol Metal Salt            | Trade Secret* | < 1 Trade Secret *       |
| Ethoxylated Alkyl Alcohol         | Trade Secret* | < 0.5 Trade Secret *     |
| Siloxane-based Defoamer           | Trade Secret* | < 0.05 Trade Secret *    |

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

No fragrance added.

### 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:**

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

**Eye Contact:**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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

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

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

### Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u>  |
|------------------|-------------------|
| Formaldehyde     | During Combustion |
| Carbon monoxide  | During Combustion |
| Carbon dioxide   | During Combustion |

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

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. 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. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. 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 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 eye contact. For industrial/occupational use only. Not for consumer sale or use. 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 heat. Keep from freezing. Store away from acids. Store away from strong bases. 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 |
|----------------|------------|--------|------------------------------------|---------------------|
| Ethoxydiglycol | 111-90-0   | AIHA   | TWA:140 mg/m <sup>3</sup> (25 ppm) |                     |

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

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/vapors/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:

Safety Glasses with side shields

Indirect Vented Goggles

##### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile Rubber

##### 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 air-purifying respirator suitable for organic vapors and particulates

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

Colorless-White

Odor

Mild Detergent

Odor threshold

No Data Available

pH

10.6 - 11.3 [Details: RTU pH 9.0-9.8]

Melting point

Not Applicable

Boiling Point

&gt;=200 °F

Flash Point

&gt;=200 °F [Test Method: Closed Cup]

Evaporation rate

No Data Available

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

No Data Available

Flammable Limits(UEL)

No Data Available

Vapor Pressure

&lt;=17.5 mmHg [@ 68 °F]

Vapor Density

&gt;=1

Density

&gt;=0.98 g/ml

Specific Gravity

&gt;=0.98 [Ref Std: WATER=1]

Solubility in Water

Soluble

Solubility- non-water

No Data Available

Partition coefficient: n-octanol/ water

No Data Available

Autoignition temperature

204 °C

Decomposition temperature

No Data Available

Viscosity

No Data Available

Molecular weight

Not Applicable

Volatile Organic Compounds

&lt;=0.1 [Test Method: calculated per CARB]

Percent volatile

No Data Available

VOC Less H2O &amp; Exempt Solvents

No Data Available

## 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 acids

Strong bases

Strong oxidizing agents

### 10.6. Hazardous decomposition products

#### Substance

None known.

#### Condition

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:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

##### Eye Contact:

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

##### Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### 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 |
| ETHOXYLATED C9-11 ALCOHOLS        | Dermal                         | similar compounds | LD50 > 2,000 mg/kg                             |
| ETHOXYLATED C9-11 ALCOHOLS        | Inhalation-Dust/Mist (4 hours) | similar compounds | LC50 > 1.6 mg/l                                |
| ETHOXYLATED C9-11 ALCOHOLS        | Ingestion                      | similar compounds | LD50 3,488 mg/kg                               |
| Branched Alkyl Alcohol Alkoxylate | Dermal                         | similar compounds | LD50 > 2,000 mg/kg                             |
| Branched Alkyl Alcohol Alkoxylate | Ingestion                      | similar compounds | LD50 > 2,000 mg/kg                             |
| Lithium Polysilicate              | Dermal                         |                   | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| Lithium Polysilicate              | Ingestion                      | Rat               | LD50 > 2,000 mg/kg                             |
| Ethoxydiglycol                    | Dermal                         | Rabbit            | LD50 9,143 mg/kg                               |
| Ethoxydiglycol                    | Ingestion                      | Rat               | LD50 5,400 mg/kg                               |

|                           |           |        |                     |
|---------------------------|-----------|--------|---------------------|
| Silanetriol Metal Salt    | Ingestion | Rat    | LD50 > 2,000 mg/kg  |
| Ethoxylated Alkyl Alcohol | Dermal    | Rabbit | LD50 > 2,000 mg/kg  |
| Ethoxylated Alkyl Alcohol | Ingestion | Rat    | LD50 > 700 mg/kg    |
| Siloxane-based Defoamer   | Dermal    | Rabbit | LD50 > 19,400 mg/kg |
| Siloxane-based Defoamer   | Ingestion | Rat    | LD50 > 17,000 mg/kg |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name                             | Species                | Value                     |
|----------------------------------|------------------------|---------------------------|
| ETHOXYLATED C9-11 ALCOHOLS       | similar compounds      | Minimal irritation        |
| Branched Alkyl Alcohol Alkoxyate | Professional judgement | Minimal irritation        |
| Lithium Polysilicate             | Rabbit                 | Minimal irritation        |
| Ethoxydiglycol                   | Rabbit                 | No significant irritation |
| Silanetriol Metal Salt           | Professional judgement | Corrosive                 |
| Ethoxylated Alkyl Alcohol        | similar health hazards | Irritant                  |
| Siloxane-based Defoamer          | Rabbit                 | No significant irritation |

### Serious Eye Damage/Irritation

| Name                             | Species                | Value                     |
|----------------------------------|------------------------|---------------------------|
| ETHOXYLATED C9-11 ALCOHOLS       | Professional judgement | Moderate irritant         |
| Branched Alkyl Alcohol Alkoxyate | Professional judgement | Severe irritant           |
| Lithium Polysilicate             | Rabbit                 | Corrosive                 |
| Ethoxydiglycol                   | Rabbit                 | Moderate irritant         |
| Silanetriol Metal Salt           | similar health hazards | Corrosive                 |
| Ethoxylated Alkyl Alcohol        | Professional judgement | Corrosive                 |
| Siloxane-based Defoamer          | Rabbit                 | No significant irritation |

### Skin Sensitization

| Name                             | Species           | Value          |
|----------------------------------|-------------------|----------------|
| ETHOXYLATED C9-11 ALCOHOLS       | Guinea pig        | Not classified |
| Branched Alkyl Alcohol Alkoxyate | similar compounds | Not classified |
| Ethoxydiglycol                   | Human             | 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         |
|-----------------------------------|----------|---------------|
| ETHOXYLATED C9-11 ALCOHOLS        | In Vitro | Not mutagenic |
| Branched Alkyl Alcohol Alkoxylate | In Vitro | Not mutagenic |
| Ethoxydiglycol                    | In Vitro | Not mutagenic |
| Ethoxydiglycol                    | In vivo  | 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    |
|----------------------------|------------|--|---------|-----------------------|----------------------|
| ETHOXYLATED C9-11 ALCOHOLS | Dermal     | Not classified for female reproduction | Rat     | NOAEL 250 mg/kg/day   | 2 generation         |
| ETHOXYLATED C9-11 ALCOHOLS | Dermal     | Not classified for development         | Rat     | NOAEL 250 mg/kg/day   | 2 generation         |
| ETHOXYLATED C9-11 ALCOHOLS | Dermal     | Not classified for male reproduction   | Rat     | NOAEL 100 mg/kg/day   | 2 generation         |
| Ethoxydiglycol             | Dermal     | Not classified for development         | Rat     | NOAEL 5,500 mg/kg/day | during organogenesis |
| Ethoxydiglycol             | Ingestion  | Not classified for development         | Mouse   | NOAEL 5,500 mg/kg/day | during organogenesis |
| Ethoxydiglycol             | Inhalation | Not classified for development         | Rat     | NOAEL 0.6 mg/l        | during organogenesis |
| Ethoxydiglycol             | Ingestion  | Not classified for male reproduction   | Rat     | NOAEL 2,200 mg/kg/day | 2 generation         |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name                              | Route      | Target Organ(s)        | Value  | Species                | Test Result         | Exposure Duration |
|-----------------------------------|------------|------------------------|--|------------------------|---------------------|-------------------|
| ETHOXYLATED C9-11 ALCOHOLS        | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |
| Branched Alkyl Alcohol Alkoxylate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |
| Lithium Polysilicate              | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar compounds      | NOAEL Not available |                   |
| Ethoxydiglycol                    | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification |                        | NOAEL Not available |                   |
| Ethoxylated Alkyl Alcohol         | 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 |
|----------------------------|--------|--|----------------|---------|---------------------|-------------------|
| ETHOXYLATED C9-11 ALCOHOLS | Dermal | kidney and/or bladder   heart   hematopoietic system   liver   nervous system   respiratory system | Not classified | Rat     | NOAEL 125 mg/kg/day | 13 weeks          |



|                      |           |   |  |                   |                       |          |
|----------------------|-----------|---|--|-------------------|-----------------------|----------|
| Lithium Polysilicate | Ingestion | nervous system   kidney and/or bladder        | Some positive data exist, but the data are not sufficient for classification | similar compounds | NOAEL Not available   |          |
| Ethoxydiglycol       | Dermal    | kidney and/or bladder                         | Not classified   | Rabbit            | NOAEL 1,000 mg/kg/day | 12 weeks |
| Ethoxydiglycol       | Ingestion | liver   | Some positive data exist, but the data are not sufficient for classification | Pig               | NOAEL 167 mg/kg/day   | 90 days  |
| Ethoxydiglycol       | Ingestion | kidney and/or bladder                         | Some positive data exist, but the data are not sufficient for classification | Mouse             | NOAEL 2,700 mg/kg/day | 90 days  |
| Ethoxydiglycol       | Ingestion | endocrine system                              | Not classified   | Rat               | NOAEL 2,500 mg/kg/day | 90 days  |
| Ethoxydiglycol       | Ingestion | heart   hematopoietic system   nervous system | Not classified   | Mouse             | NOAEL 8,100 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****Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

**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. 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**

Serious eye damage or eye irritation

**Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):****Ingredient**

Acrylic Co-Polymer (ZINC COMPOUNDS)

**C.A.S. No**

Trade Secret

**% by Wt**

Trade Secret &lt; 10

**15.2. State Regulations****15.3. Chemical Inventories**

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.

**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:** 2 **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.

**Document Group:** 41-9486-6**Version Number:** 3.00**Issue Date:** 06/13/24**Supersedes Date:** 03/31/23

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M 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 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M.

3M USA SDSs are available at [www.3M.com](http://www.3M.com)