



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Glass Cleaner Concentrate (Product No. 1, 3M™ Chemical Management Systems)

#### Product Identification Numbers

61-0000-6322-4, 61-0000-6363-8, 70-0715-9204-5, 70-0715-9208-6, 70-0716-5900-0, 70-0716-8343-0, 70-0716-8344-8, 7000002459, 7000029756, 7100052011, 7010385272, 7010328497, 7010309283, 7010385971

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

##### Recommended use

Non-streaking cleaner for windows, glass and mirrors. Fragrance Added, This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging, and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org., Hard Surface 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

Flammable Liquid: Category 3.

Serious Eye Damage/Irritation: Category 2A.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Flame | Exclamation mark |

##### Pictograms

**Hazard Statements**

Flammable liquid and vapor.

Causes serious eye irritation.

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

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment.

Wear protective gloves and eye/face protection.

Wash thoroughly after handling.

**Response:**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**Storage:**

Store in a well-ventilated place. Keep cool.

**Disposal:**

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

**SECTION 3: Composition/information on ingredients**

| Ingredient            | C.A.S. No.    | % by Wt                  |
|-----------------------|---------------|--------------------------|
| WATER                 | 7732-18-5     | 65 - 85                  |
| Decyl Glucoside       | 68515-73-1    | 3 - 10 Trade Secret *    |
| Isopropanol           | 67-63-0       | 3 - 7 Trade Secret *     |
| Lauryl Glucoside      | 110615-47-9   | 1 - 5 Trade Secret *     |
| POTASSIUM CARBONATE   | 584-08-7      | 0.5 - 1.5 Trade Secret * |
| SODIUM LAURYL SULFATE | 151-21-3      | 0.5 - 1.5 Trade Secret * |
| GLYCERIN              | 56-81-5       | 0.1 - 1                  |
| Fragrance Compound    | Trade Secret* | < 0.5                    |
| ACID BLUE 9           | 3844-45-9     | < 0.05                   |
| Amyl Cinnamal         | 122-40-7      | 0.0001 - 0.001           |

\*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:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. 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 flammable liquids such as dry chemical or carbon dioxide 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

**Substance**

Carbon monoxide

Carbon dioxide

Oxides of Sulfur

**Condition**

During Combustion

During Combustion

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. 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 vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. 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.

### 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. Cover spill area with a fire extinguishing foam that is resistant to polar solvents. 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

This product is not intended to be used without prior dilution as specified on the product label. Avoid eye contact. For industrial/occupational use only. Not for consumer sale or use. Grounding or safety shoes with electrostatic dissipating soles (ESD) are not required with a chemical dispensing system. Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. 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.) Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

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

Store in a well-ventilated place. Keep cool. Keep container tightly closed. 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            |
|-------------|------------|--------|---------------------------------------------------------------------------------------|--------------------------------|
| GLYCERIN    | 56-81-5    | OSHA   | TWA(as total dust):15 mg/m <sup>3</sup> ;TWA(respirable fraction):5 mg/m <sup>3</sup> |                                |
| Isopropanol | 67-63-0    | ACGIH  | TWA:200 ppm;STEL:400 ppm                                                              | A4: Not class. as human carcin |
| Isopropanol | 67-63-0    | OSHA   | TWA:980 mg/m <sup>3</sup> (400 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

NOTE: When used with a chemical dispensing system as directed, special ventilation is not required. 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. Use explosion-proof ventilation equipment.

### 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.

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

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

NOTE: When used with a chemical dispensing system as directed, skin contact with the concentrate is not expected to occur. If product is not used with a chemical dispensing system or if there is an accidental release:

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

#### 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 and particulates

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

#### Appearance

##### Physical state

Liquid

##### Color

Blue, Violet

#### Specific Physical Form:

Liquid

#### Odor

Moderate Apple

#### Odor threshold

No Data Available

#### pH

11.4

|                                         |                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------|
| Melting point                           | Not Applicable                                                                      |
| Boiling Point                           | 300 °F                                                                              |
| Flash Point                             | 120 °F [Test Method:Closed Cup] [Details:Does not sustain combustion, ASTM D-4206.] |
| Evaporation rate                        | Not Applicable                                                                      |
| Flammability (solid, gas)               | Not Applicable                                                                      |
| Flammable Limits(LEL)                   | No Data Available                                                                   |
| Flammable Limits(UEL)                   | No Data Available                                                                   |
| Vapor Pressure                          | No Data Available                                                                   |
| Vapor Density                           | No Data Available                                                                   |
| Density                                 | No Data Available                                                                   |
| Specific Gravity                        | 1.019 [Ref Std:WATER=1]                                                             |
| Solubility in Water                     | Complete                                                                            |
| Solubility- non-water                   | No Data Available                                                                   |
| Partition coefficient: n-octanol/ water | Not Applicable                                                                      |
| Autoignition temperature                | Not Applicable                                                                      |
| Decomposition temperature               | No Data Available                                                                   |
| Viscosity                               | 4 - 6 centipoise                                                                    |
| Hazardous Air Pollutants                | Not Applicable                                                                      |
| Volatile Organic Compounds              | 3 - 7 % [Test Method:calculated per CARB title 2]                                   |
| Percent volatile                        | 70 - 100 %                                                                          |
| VOC Less H2O & Exempt Solvents          | 100 - 300 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

None known.

### 10.5. Incompatible materials

Strong oxidizing agents

### 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:

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 |
| Decyl Glucoside       | Dermal                         | Rabbit                 | LD50 > 2,000 mg/kg                             |
| Decyl Glucoside       | Ingestion                      | Rat                    | LD50 > 2,000 mg/kg                             |
| Isopropanol           | Dermal                         | Rabbit                 | LD50 12,870 mg/kg                              |
| Isopropanol           | Inhalation-Vapor (4 hours)     | Rat                    | LC50 72.6 mg/l                                 |
| Isopropanol           | Ingestion                      | Rat                    | LD50 4,710 mg/kg                               |
| Lauryl Glucoside      | Dermal                         | Rabbit                 | LD50 > 1,000 mg/kg                             |
| Lauryl Glucoside      | Ingestion                      | Rat                    | LD50 > 2,500 mg/kg                             |
| SODIUM LAURYL SULFATE | Ingestion                      | Rat                    | LD50 911 mg/kg                                 |
| SODIUM LAURYL SULFATE | Dermal                         | similar compounds      | LD50 > 2,000 mg/kg                             |
| POTASSIUM CARBONATE   | Dermal                         | Rabbit                 | LD50 > 2,000 mg/kg                             |
| POTASSIUM CARBONATE   | Inhalation-Dust/Mist (4 hours) | Rat                    | LC50 > 5.58 mg/l                               |
| POTASSIUM CARBONATE   | Ingestion                      | Rat                    | LD50 1,870 mg/kg                               |
| GLYCERIN              | Dermal                         | Rabbit                 | LD50 estimated to be > 5,000 mg/kg             |
| GLYCERIN              | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |
| ACID BLUE 9           | Ingestion                      | Rat                    | LD50 > 2,000 mg/kg                             |
| ACID BLUE 9           | Dermal                         | similar health hazards | LD50 estimated to be > 5,000 mg/kg             |
| Amyl Cinnamal         | Dermal                         | Rabbit                 | LD50 > 2,000 mg/kg                             |
| Amyl Cinnamal         | Ingestion                      | Rat                    | LD50 3,730 mg/kg                               |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name            | Species  | Value                     |
|-----------------|----------|---------------------------|
| Decyl Glucoside | Rabbit   | Minimal irritation        |
| Isopropanol     | Multiple | No significant irritation |

|                       | animal species    |                           |
|-----------------------|-------------------|---------------------------|
| Lauryl Glucoside      | Rabbit            | Irritant                  |
| SODIUM LAURYL SULFATE | Rabbit            | Irritant                  |
| POTASSIUM CARBONATE   | Rabbit            | Minimal irritation        |
| GLYCERIN              | Rabbit            | No significant irritation |
| ACID BLUE 9           | Human             | Minimal irritation        |
| Amyl Cinnamal         | similar compounds | Irritant                  |

**Serious Eye Damage/Irritation**

| Name                  | Species           | Value                     |
|-----------------------|-------------------|---------------------------|
| Overall product       | In vitro data     | Severe irritant           |
| Decyl Glucoside       | Rabbit            | Corrosive                 |
| Isopropanol           | Rabbit            | Severe irritant           |
| Lauryl Glucoside      | Rabbit            | Corrosive                 |
| SODIUM LAURYL SULFATE | Rabbit            | Corrosive                 |
| POTASSIUM CARBONATE   | Rabbit            | Corrosive                 |
| GLYCERIN              | Rabbit            | No significant irritation |
| ACID BLUE 9           | Rabbit            | Mild irritant             |
| Amyl Cinnamal         | similar compounds | Mild irritant             |

**Skin Sensitization**

| Name                  | Species           | Value          |
|-----------------------|-------------------|----------------|
| Decyl Glucoside       | Mouse             | Not classified |
| Isopropanol           | Guinea pig        | Not classified |
| Lauryl Glucoside      | Guinea pig        | Not classified |
| SODIUM LAURYL SULFATE | similar compounds | Not classified |
| GLYCERIN              | Guinea pig        | Not classified |
| ACID BLUE 9           | Mouse             | Not classified |
| Amyl Cinnamal         | Mouse             | 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         |
|-----------------------|----------|---------------|
| Decyl Glucoside       | In Vitro | Not mutagenic |
| Isopropanol           | In Vitro | Not mutagenic |
| Isopropanol           | In vivo  | Not mutagenic |
| Lauryl Glucoside      | In Vitro | Not mutagenic |
| Lauryl Glucoside      | In vivo  | Not mutagenic |
| SODIUM LAURYL SULFATE | In Vitro | Not mutagenic |
| SODIUM LAURYL SULFATE | In vivo  | Not mutagenic |
| ACID BLUE 9           | In Vitro | Not mutagenic |
| ACID BLUE 9           | In vivo  | Not mutagenic |
| Amyl Cinnamal         | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name        | Route      | Species | Value                                          |
|-------------|------------|---------|------------------------------------------------|
| Isopropanol | Inhalation | Rat     | 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 |
| ACID BLUE 9 | Ingestion | Rat   | Not carcinogenic                                                             |

## Reproductive Toxicity

### Reproductive and/or Developmental Effects

| Name        | Route      | Value                                  | Species | Test Result           | Exposure Duration    |
|-------------|------------|----------------------------------------|---------|-----------------------|----------------------|
| Isopropanol | Ingestion  | Not classified for female reproduction | Rat     | NOAEL 1,000 mg/kg/day | 2 generation         |
| Isopropanol | Ingestion  | Not classified for male reproduction   | Rat     | NOAEL 500 mg/kg/day   | 2 generation         |
| Isopropanol | Ingestion  | Not classified for development         | Rat     | NOAEL 400 mg/kg/day   | during organogenesis |
| Isopropanol | Inhalation | Not classified for development         | Rat     | LOAEL 9 mg/l          | during gestation     |
| 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         |
| ACID BLUE 9 | Ingestion  | Not classified for female reproduction | Rat     | NOAEL 1,000 mg/kg/day | 3 generation         |
| ACID BLUE 9 | Ingestion  | Not classified for male reproduction   | Rat     | NOAEL 1,000 mg/kg/day | 3 generation         |
| ACID BLUE 9 | Ingestion  | Not classified for development         | Rat     | NOAEL 2,000 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      |
|-----------------------|------------|-----------------------------------|------------------------------------------------------------------------------|------------------------|---------------------|------------------------|
| Decyl Glucoside       | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available |                        |
| Isopropanol           | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available |                        |
| Isopropanol           | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                  | NOAEL Not available |                        |
| Isopropanol           | Inhalation | auditory system                   | Not classified                                                               | Guinea pig             | NOAEL 13.4 mg/l     | 24 hours               |
| Isopropanol           | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                  | NOAEL Not available | poisoning and/or abuse |
| Lauryl Glucoside      | 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 health hazards | NOAEL Not available |                        |
| POTASSIUM CARBONATE   | Inhalation | respiratory irritation            | May cause respiratory irritation                                             |                        | NOAEL not available |                        |
| Amyl Cinnamal         | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                        |

### Specific Target Organ Toxicity - repeated exposure

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

|                       |            |                                                                                                                                                                                                                                            |                |     |                        | Duration  |
|-----------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|------------------------|-----------|
| Isopropanol           | Inhalation | kidney and/or bladder                                                                                                                                                                                                                      | Not classified | Rat | NOAEL 12.3 mg/l        | 24 months |
| Isopropanol           | Inhalation | nervous system                                                                                                                                                                                                                             | Not classified | Rat | NOAEL 12 mg/l          | 13 weeks  |
| Isopropanol           | Ingestion  | kidney and/or bladder                                                                                                                                                                                                                      | Not classified | Rat | NOAEL 400 mg/kg/day    | 12 weeks  |
| Lauryl Glucoside      | Ingestion  | gastrointestinal tract                                                                                                                                                                                                                     | Not classified | Rat | NOAEL 250 mg/kg/day    | 90 days   |
| Lauryl Glucoside      | Ingestion  | endocrine system   liver   immune system   nervous system   hematopoietic system   eyes                                                                                                                                                    | Not classified | Rat | NOAEL 1,000 mg/kg/day  | 90 days   |
| SODIUM LAURYL SULFATE | Ingestion  | liver                                                                                                                                                                                                                                      | Not classified | Rat | NOAEL 1,840 mg/kg/day  | 90 days   |
| 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   |
| ACID BLUE 9           | Ingestion  | heart   skin   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   muscles   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system | Not classified | Rat | NOAEL 1,072 mg/kg/day  | 30 months |
| Amyl Cinnamal         | Ingestion  | liver   kidney and/or bladder   heart   endocrine system   gastrointestinal tract   hematopoietic system   immune system   muscles   nervous system   respiratory system   vascular system                                                 | Not classified | Rat | NOAEL 287 mg/kg/day    | 14 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**

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.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal 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): D001 (Ignitable)

## 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

Flammable (gases, aerosols, liquids, or solids)

##### 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):

| <u><b>Ingredient</b></u> | <u><b>C.A.S. No</b></u> | <u><b>% by Wt</b></u> |
|--------------------------|-------------------------|-----------------------|
| Isopropanol              | 67-63-0                 | Trade Secret 3 - 7    |

### 15.2. State Regulations

### 15.3. Chemical Inventories

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

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of 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 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:** 2 **Flammability:** 2 **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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