



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Deodorizer - Mountain Spice - Concentrate (Product No. 14, Twist 'n Fill™ System)

#### Product Identification Numbers

61-0000-6337-2, 70-0708-4014-8, 70-0716-6114-7, 70-0716-8288-7

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

##### Recommended use

Deodorizer, Long-lasting deodorizer leaves a fragrant, spicy scent.

#### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** Commercial Solutions 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.

Skin Sensitizer: Category 1.

#### 2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark |

Pictograms

**Hazard Statements**

Causes serious eye irritation.

May cause an allergic skin reaction.

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

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear eye/face protection.

Wear protective gloves.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

**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.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

**Disposal:**

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

53% of the mixture consists of ingredients of unknown acute oral toxicity.

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

| Ingredient                               | C.A.S. No. | % by Wt                  |
|--|------------|--------------------------|
| POLYALKOXY ALCOHOLS                      | 69013-18-9 | 30 - 60 Trade Secret *   |
| SORBITAN POLYETHOXY MONOLAURATE          | 9005-64-5  | 10 - 30 Trade Secret *   |
| WATER                                    | 7732-18-5  | 10 - 30 Trade Secret *   |
| CINNAMIC ALDEHYDE                        | 104-55-2   | 1 - 5 Trade Secret *     |
| EUCALYPTUS OIL                           | 8000-48-4  | 1 - 5 Trade Secret *     |
| 1-METHOXY-2-PROPANOL                     | 107-98-2   | 1 - 5 Trade Secret *     |
| 4-ALLYL-2-METHOXYPHENOL                  | 97-53-0    | 0.1 - 1.5 Trade Secret * |
| TRANS-3,7-DIMETHYL-2,6-OCTADIENOL        | 106-24-1   | 0.1 - 1.5 Trade Secret * |
| TERPENES AND TERPENOID, SWEET ORANGE-OIL | 68647-72-3 | 0.1 - 1.5 Trade Secret * |

\*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**

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****Substance**

Carbon monoxide

Carbon dioxide

**Condition**

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.

**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

For industrial or professional use only. 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 get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. 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            |
|----------------------|------------|--------|-------------------------|--------------------------------|
| 1-METHOXY-2-PROPANOL | 107-98-2   | ACGIH  | TWA:50 ppm;STEL:100 ppm | A4: Not class. as human carcin |

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.

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.

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

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.

Gloves made from the following material(s) are recommended: Nitrile Rubber

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary.

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

Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended:

Apron – Nitrile

### 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

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

|   |  |
|---|--|
| General Physical Form:                  | Liquid   |
| Specific Physical Form:                 | Liquid   |
| Odor, Color, Grade:                     | Strong spicy odor green liquid                         |
| Odor threshold                          | No Data Available                                      |
| pH                                      | 6.5 - 8.5  |
| Melting point                           | Not Applicable   |
| Boiling Point                           | Approximately 200 °F                                   |
| Flash Point                             | > 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                          | No Data Available                                      |
| Vapor Density                           | No Data Available                                      |
| Density                                 | 1.019 - 1.039 g/ml                                     |
| Specific Gravity                        | 1.019 - 1.039 [Ref Std: WATER=1]                       |
| Solubility in Water                     | 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                               | 26 - 38 sec  |
| Volatile Organic Compounds              | 1 - 5 % [Test Method: calculated per CARB title 2]     |
| VOC Less H2O & Exempt Solvents          | 25 - 35 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:**

Contact with the skin during product use is not expected to result in significant irritation. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

**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                           | Ingestion                      |         | No data available; calculated ATE >5,000 mg/kg |
| SORBITAN POLYETHOXY MONOLAUATE            | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| SORBITAN POLYETHOXY MONOLAUATE            | Ingestion                      | Rat     | LD50 40,600 mg/kg                              |
| EUCALYPTUS OIL                            | Dermal                         |         | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| CINNAMIC ALDEHYDE                         | Dermal                         | Rabbit  | LD50 > 2,000 mg/kg                             |
| CINNAMIC ALDEHYDE                         | Ingestion                      | Rat     | LD50 2,200 mg/kg                               |
| EUCALYPTUS OIL                            | Ingestion                      | Rat     | LD50 2,480 mg/kg                               |
| 1-METHOXY-2-PROPANOL                      | Dermal                         | Rabbit  | LD50 11,000-13,800 mg/kg                       |
| 1-METHOXY-2-PROPANOL                      | Inhalation-Vapor (4 hours)     | Rat     | LC50 56 mg/l                                   |
| 1-METHOXY-2-PROPANOL                      | Ingestion                      | Rat     | LD50 6,100 mg/kg                               |
| 4-ALLYL-2-METHOXYPHENOL                   | Dermal                         |         | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| 4-ALLYL-2-METHOXYPHENOL                   | Ingestion                      |         | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Inhalation-Vapor (4 hours)     | Mouse   | LC50 > 3.14 mg/l                               |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                             |
| TRANS-3,7-DIMETHYL-2,6-OCTADIENOL         | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                             |
| 4-ALLYL-2-METHOXYPHENOL                   | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 2.58 mg/l                               |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion                      | Rat     | LD50 4,400 mg/kg                               |
| TRANS-3,7-DIMETHYL-2,6-OCTADIENOL         | Ingestion                      | Rat     | LD50 3,600 mg/kg                               |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                      | Species                | Value              |
|---|------------------------|--------------------|
| Overall product                           |                        | Minimal irritation |
| CINNAMIC ALDEHYDE                         | Human                  | Mild irritant      |
| EUCALYPTUS OIL                            | Not available          | Minimal irritation |
| 1-METHOXY-2-PROPANOL                      | Not available          | Minimal irritation |
| 4-ALLYL-2-METHOXYPHENOL                   | Professional judgement | Minimal irritation |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Rabbit                 | Mild irritant      |

**Serious Eye Damage/Irritation**

| Name                                      | Species                | Value             |
|---|------------------------|-------------------|
| Overall product                           |                        | Severe irritant   |
| CINNAMIC ALDEHYDE                         | Human                  | Moderate irritant |
| EUCALYPTUS OIL                            | Not available          | Mild irritant     |
| 1-METHOXY-2-PROPANOL                      | Not available          | Mild irritant     |
| 4-ALLYL-2-METHOXYPHENOL                   | Professional judgement | Mild irritant     |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Rabbit                 | Mild irritant     |

**Skin Sensitization**

| Name              | Species   | Value       |
|-------------------|-----------|-------------|
| CINNAMIC ALDEHYDE | Human and | Sensitizing |

|   |                         |                |
|---|-------------------------|----------------|
|   | animal                  |                |
| EUCALYPTUS OIL                            | Human                   | Not classified |
| 1-METHOXY-2-PROPANOL                      | Guinea pig              | Not classified |
| 4-ALLYL-2-METHOXYPHENOL                   | Multiple animal species | Sensitizing    |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | 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  |
|---|----------|--|
| CINNAMIC ALDEHYDE                         | In vivo  | Not mutagenic  |
| CINNAMIC ALDEHYDE                         | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 1-METHOXY-2-PROPANOL                      | In Vitro | Not mutagenic  |
| 4-ALLYL-2-METHOXYPHENOL                   | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | In Vitro | Not mutagenic  |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | In vivo  | Not mutagenic  |

### Carcinogenicity

| Name                                      | Route      | Species                 | Value  |
|---|------------|-------------------------|--|
| 1-METHOXY-2-PROPANOL                      | Inhalation | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |
| 4-ALLYL-2-METHOXYPHENOL                   | Ingestion  | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | Rat                     | Some positive data exist, but the data are not sufficient for classification |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name                                      | Route      | Value                                  | Species                 | Test Result           | Exposure Duration            |
|---|------------|--|-------------------------|-----------------------|------------------------------|
| CINNAMIC ALDEHYDE                         | Ingestion  | Not classified for development         | Rat                     | NOAEL 250 mg/kg/day   | during organogenesis         |
| 1-METHOXY-2-PROPANOL                      | Inhalation | Not classified for male reproduction   | Rat                     | NOAEL 11 mg/l         | 2 generation                 |
| 1-METHOXY-2-PROPANOL                      | Ingestion  | Not classified for female reproduction | Mouse                   | NOAEL 3,328 mg/kg/day | 2 generation                 |
| 1-METHOXY-2-PROPANOL                      | Inhalation | Not classified for female reproduction | Rat                     | NOAEL 3.7 mg/l        | 2 generation                 |
| 1-METHOXY-2-PROPANOL                      | Ingestion  | Not classified for male reproduction   | Mouse                   | NOAEL 3,328 mg/kg     | 2 generation                 |
| 1-METHOXY-2-PROPANOL                      | Ingestion  | Not classified for development         | Rat                     | NOAEL 370 mg/kg       | during gestation             |
| 1-METHOXY-2-PROPANOL                      | Inhalation | Not classified for development         | Rat                     | NOAEL 3.7 mg/l        | 2 generation                 |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | Not classified for female reproduction | Rat                     | NOAEL 750 mg/kg/day   | premating & during gestation |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | Not classified for development         | Multiple animal species | NOAEL 591 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      |
|---|------------|-----------------------------------|--|---------|---------------------|------------------------|
| EUCALYPTUS OIL                            | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human   | NOAEL Not available | environmental exposure |
| EUCALYPTUS OIL                            | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Human   | NOAEL Not available | poisoning and/or abuse |
| EUCALYPTUS OIL                            | Ingestion  | kidney and/or bladder             | Not classified   | Human   | NOAEL Not available | poisoning and/or abuse |
| 1-METHOXY-2-PROPANOL                      | Dermal     | central nervous system depression | Not classified   | Rabbit  | NOAEL 1,800 mg/kg   | 13 weeks               |
| 1-METHOXY-2-PROPANOL                      | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human   | NOAEL Not available |                        |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | nervous system                    | Not classified   |         | NOAEL Not available |                        |

## Specific Target Organ Toxicity - repeated exposure

| Name                                      | Route      | Target Organ(s)   | Value  | Species | Test Result           | Exposure Duration |
|---|------------|---|--|---------|-----------------------|-------------------|
| CINNAMIC ALDEHYDE                         | Ingestion  | liver   | Not classified   | Rat     | NOAEL 500 mg/kg/day   | 16 weeks          |
| CINNAMIC ALDEHYDE                         | Ingestion  | blood   | Not classified   | Rat     | NOAEL 5,000 mg/kg/day | 13 weeks          |
| CINNAMIC ALDEHYDE                         | Ingestion  | kidney and/or bladder   | Not classified   | Rat     | NOAEL 227 mg/kg/day   | 12 weeks          |
| 1-METHOXY-2-PROPANOL                      | Dermal     | kidney and/or bladder   | Not classified   | Rabbit  | NOAEL 1,800 mg/kg/day | 13 weeks          |
| 1-METHOXY-2-PROPANOL                      | Dermal     | hematopoietic system  | Not classified   | Rabbit  | NOAEL 1,000 mg/kg/day | 3 weeks           |
| 1-METHOXY-2-PROPANOL                      | Inhalation | kidney and/or bladder   | Not classified   | Rat     | NOAEL 3.7 mg/l        | 13 weeks          |
| 1-METHOXY-2-PROPANOL                      | Inhalation | liver   | Not classified   | Rat     | NOAEL 11 mg/l         | 13 weeks          |
| 1-METHOXY-2-PROPANOL                      | Inhalation | hematopoietic system  | Not classified   | Rat     | NOAEL 2.2 mg/l        | 10 days           |
| 1-METHOXY-2-PROPANOL                      | Ingestion  | liver   | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 920 mg/kg/day   | 13 weeks          |
| 1-METHOXY-2-PROPANOL                      | Ingestion  | kidney and/or bladder   | Not classified   | Rat     | NOAEL 920 mg/kg/day   | 13 weeks          |
| 4-ALLYL-2-METHOXYPHENOL                   | Ingestion  | liver   | Not classified   | Rat     | NOAEL 900 mg/kg/day   | 4 days            |
| 4-ALLYL-2-METHOXYPHENOL                   | Ingestion  | endocrine system  | Not classified   | Rat     | LOAEL 1,400 mg/kg     | 34 days           |
| 4-ALLYL-2-METHOXYPHENOL                   | Ingestion  | blood   | Not classified   | Rat     | NOAEL 500 mg/kg/day   | 19 weeks          |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | kidney and/or bladder   | Not classified   | Rat     | LOAEL 75 mg/kg/day    | 103 weeks         |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | liver   | Not classified   | Mouse   | NOAEL 1,000 mg/kg/day | 103 weeks         |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | Ingestion  | heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles   nervous system   respiratory system | Not classified   | Rat     | NOAEL 600 mg/kg/day   | 103 weeks         |

**Aspiration Hazard**

| Name                                      | Value  |
|---|--|
| EUCALYPTUS OIL                            | Some positive data exist, but the data are not sufficient for classification |
| TERPENES AND TERPENOIDS, SWEET ORANGE-OIL | 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****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. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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

**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 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 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 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: 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.

### HMIS Hazard Classification

Health: 2 Flammability: 1 Physical Hazard: 0 Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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