



CINNAMON SPICE MB9000

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 03/11/2015

Revision date: 10/01/2019

Version: 2.0

SECTION 1: Identification

1.1. Identification

Product name : CINNAMON SPICE MB9000
Product code : 1830284
SKU # : FG401692

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Aerosol
For professional use only
Air care products
Odour agents

Recommended use : Air care products, Odour agents

Restrictions on use : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

1.3. Supplier

Manufacturer

Rubbermaid Commercial Products LLC
3124 Valley Avenue
Winchester, VA 22601-2694 - USA
T 1.800.347.9800
www.rubbermaidcommercial.com

Other

Rubbermaid Commercial Products LLC
20 Hereford Street
Brampton, ON L6Y 0M1 - Canada
T 1.800.998.7004

1.4. Emergency telephone number

Emergency number : 24-Hour Emergency - INFOTRAC: 1-800-535-5053 (Domestic) | 1-352-323-3500 (International)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

| | | |
|--|------|---|
| Flammable aerosols, Category 1 | H222 | Extremely flammable aerosol. |
| Gases under pressure : Compressed gas | H280 | Contains gas under pressure; may explode if heated. |
| Skin corrosion/irritation, Category 2 | H315 | Causes skin irritation. |
| Serious eye damage/eye irritation, Category 2A | H319 | Causes serious eye irritation. |
| Skin sensitisation, Category 1 | H317 | May cause an allergic skin reaction. |
| Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation | H335 | May cause respiratory irritation. |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H222 - Extremely flammable aerosol.
H280 - Contains gas under pressure; may explode if heated.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary statements (GHS US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing vapours, spray, mist.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves.
P302+P352 - If on skin: Wash with plenty of water.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a doctor if you feel unwell.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|------------------------|---------------------|---------|---|
| Alcohol | (CAS-No.) 64-17-5 | 20 – 50 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 |
| HEXYLENE GLYCOL | (CAS-No.) 107-41-5 | 10 – 20 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| EUGENOL | (CAS-No.) 97-53-0 | 0.1 – 1 | Eye Irrit. 2A, H319 Skin Sens. 1, H317 |
| a-METHYLCINNAMALDEHYDE | (CAS-No.) 101-39-3 | 0.1 – 1 | Skin Sens. 1, H317 |
| CINNAMYL ALCOHOL | (CAS-No.) 104-54-1 | 0.1 – 1 | Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 |
| DIHYDROEUGENOL | (CAS-No.) 2785-87-7 | 0.1 – 1 | Eye Irrit. 2A, H319 Skin Sens. 1, H317 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Cough. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Take off immediately all contaminated clothing. Get medical advice if skin irritation persists. Wash with plenty of water/... Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Direct contact with the eyes is likely to be irritating. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after inhalation : Shortness of breath. May cause an allergic skin reaction. May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Fire hazard : Extremely flammable aerosol.
Explosion hazard : May form flammable/explosive vapour-air mixture. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Reactivity : Stable under normal conditions of use.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. DO NOT fight fire when fire reaches explosives. Evacuate area.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Ventilate spillage area. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable. Hazardous waste due to potential risk of explosion. Do not pierce or burn, even after use.
Precautions for safe handling : No open flames. No smoking. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not spray on an open flame or other ignition source.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources, Ignition sources. Do not expose to temperatures exceeding 50 °C/ 122 °F.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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| EUGENOL (97-53-0) | | |
|--|-------------------------------------|---|
| DNEL | DNEL | 36 mg/m ³ |
| Alcohol (64-17-5) | | |
| DNEL | DNEL | 950 mg/m ³ |
| ACGIH | Local name | Ethanol |
| ACGIH | ACGIH STEL (ppm) | 1000 ppm |
| ACGIH | Remark (ACGIH) | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| ACGIH | Regulatory reference | ACGIH 2019 |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 1900 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 1000 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| HEXYLENE GLYCOL (107-41-5) | | |
| DNEL | DNEL | 14 mg/m ³ |
| ACGIH | Local name | Hexylene glycol |
| ACGIH | ACGIH TWA (ppm) | 25 ppm (V - Vapor fraction) |
| ACGIH | ACGIH STEL (mg/m ³) | 10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only) |
| ACGIH | ACGIH STEL (ppm) | 50 ppm (V - Vapor fraction) |
| ACGIH | Remark (ACGIH) | TLV® Basis: Eye & URT irr |
| ACGIH | Regulatory reference | ACGIH 2019 |
| α-METHYLCINNAMALDEHYDE (101-39-3) | | |
| Not applicable | | |
| CINNAMYL ALCOHOL (104-54-1) | | |
| DNEL | DNEL | 2.27733 mg/m ³ |
| DIHYDROEUGENOL (2785-87-7) | | |
| Not applicable | | |

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize mist and/or vapour concentrations.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

None under normal use

Respiratory protection:

None under normal use

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : clear. Transparent.

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| | |
|---|---------------------------------|
| | : colourless to slightly yellow |
| | : characteristic |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Extremely flammable aerosol. |
| Vapour pressure | : 4.5 – 5.5 bar |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0.7 |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive limits | : 1.8 – 19 vol % |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Alcohol (64-17-5) | |
|----------------------------|-----------------------|
| LD50 oral rat | 7060 mg/kg |
| LD50 dermal rabbit | > 16000 mg/kg |
| LC50 inhalation rat (mg/l) | > 20 mg/l/4h |
| ATE US (oral) | 7060 mg/kg bodyweight |

| CINNAMYL ALCOHOL (104-54-1) | |
|-----------------------------|----------------------|
| ATE US (oral) | 500 mg/kg bodyweight |

Skin corrosion/irritation : Causes skin irritation.

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| | |
|-----------------------------------|--|
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |

| | |
|--------------------------|----------------------|
| EUGENOL (97-53-0) | |
| IARC group | 3 - Not classifiable |

| | |
|-----------------------|--|
| Reproductive toxicity | : Not classified Based on available data, the classification criteria are not met |
| STOT-single exposure | : May cause respiratory irritation. |

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after inhalation : Shortness of breath. May cause an allergic skin reaction. May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------------|--------------------|
| EUGENOL (97-53-0) | |
| LC50 fish 1 | 5.6 mg/l |
| EC50 other aquatic organisms 1 | 1.9 mg/l waterflea |
| EC50 other aquatic organisms 2 | 15.4 mg/l |

| | |
|--------------------------------|---------------------|
| Alcohol (64-17-5) | |
| LC50 fish 1 | 13000 mg/l |
| EC50 Daphnia 1 | 9300 mg/l |
| EC50 other aquatic organisms 1 | 5012 mg/l waterflea |
| EC50 other aquatic organisms 2 | 275 mg/l |

| | |
|-----------------------------------|---------------------|
| HEXYLENE GLYCOL (107-41-5) | |
| LC50 fish 1 | 8690 mg/l |
| EC50 other aquatic organisms 1 | 5410 mg/l waterflea |
| EC50 other aquatic organisms 2 | > 429 mg/l |

| | |
|------------------------------------|---------------------|
| CINNAMYL ALCOHOL (104-54-1) | |
| EC50 other aquatic organisms 1 | > 10 mg/l waterflea |

12.2. Persistence and degradability

| | |
|-------------------------------|------------------|
| CINNAMON SPICE MB9000 | |
| Persistence and degradability | Not established. |

| | |
|-------------------------------|------------------|
| Alcohol (64-17-5) | |
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| | |
|------------------------------|------------------|
| CINNAMON SPICE MB9000 | |
| Bioaccumulative potential | Not established. |

| | |
|---|------|
| EUGENOL (97-53-0) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.27 |

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| Alcohol (64-17-5) | |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 |
| Bioaccumulative potential | Not established. |
| HEXYLENE GLYCOL (107-41-5) | |
| Partition coefficient n-octanol/water (Log Pow) | -0.1 |
| CINNAMYL ALCOHOL (104-54-1) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.95 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the ozone layer : None to our knowledge

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use.

Additional information : Handle empty containers with care because residual vapours are flammable. Flammable vapours may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1950 Aerosols, 2.1
UN-No.(DOT) : UN1950
Proper Shipping Name (DOT) : Aerosols
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT) : 2.1 - Flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None
DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other : 48 - Stow "away from" sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials
Other information : No supplementary information available.

Transportation of Dangerous Goods

Not applicable

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Transport by sea

| | |
|---------------------------------------|-------------------------|
| Transport document description (IMDG) | : UN 1950 AEROSOLS, 2.1 |
| UN-No. (IMDG) | : 1950 |
| Proper Shipping Name (IMDG) | : AEROSOLS |
| Class (IMDG) | : 2 - Gases |
| Limited quantities (IMDG) | : SP277 |

Air transport

| | |
|---------------------------------------|------------------------------------|
| Transport document description (IATA) | : UN 1950 Aerosols, flammable, 2.1 |
| UN-No. (IATA) | : 1950 |
| Proper Shipping Name (IATA) | : Aerosols, flammable |
| Class (IATA) | : 2 |

SECTION 15: Regulatory information

15.1. US Federal regulations

EUGENOL (97-53-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Alcohol (64-17-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

HEXYLENE GLYCOL (107-41-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

a-METHYLCINNAMALDEHYDE (101-39-3)

Not subject to reporting requirements of the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

CINNAMYL ALCOHOL (104-54-1)

Not subject to reporting requirements of the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

DIHYDROEUGENOL (2785-87-7)

Not subject to reporting requirements of the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

EUGENOL (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

Alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

HEXYLENE GLYCOL (107-41-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Alcohol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

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Alcohol (64-17-5)

U.S. - Pennsylvania - RTK (Right to Know) List

HEXYLENE GLYCOL (107-41-5)

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Revision date : 10/01/2019

Other information : REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. None.

Full text of H-statements:

| | |
|------|---|
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H280 | Contains gas under pressure; may explode if heated. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

Indication of changes:

| Section | Changed item | Change | Comments |
|---------|-----------------------------------|----------|----------|
| | Precautionary statements (GHS US) | Modified | |
| | Hazard pictograms (GHS US) | Modified | |
| | Hazard statements (GHS US) | Modified | |
| | Revision date | Added | |
| 2.1 | GHS-US classification | Modified | |

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.