



APPLE CINNAMON TCELL

Safety Data Sheet

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

Issue date: 03/19/2015

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Version: 2.0

SECTION 1: Identification

1.1. Identification

Product name : APPLE CINNAMON TCELL
Product code : Parfum01
SKU # : FG750907

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Air care products
For professional use only
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 liquids, Category 3	H226	Flammable liquid and vapour.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitisation, Category 1	H317	May cause an allergic skin reaction.

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) :

Warning

Hazard statements (GHS US) :

H226 - Flammable liquid and vapour.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

Precautionary statements (GHS US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves.
P302+P352 - If on skin: Wash with plenty of water.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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+P235 - Store in a well-ventilated place. Keep cool.

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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
EUGENOL	(CAS-No.) 97-53-0	1 – 10	Eye Irrit. 2A, H319 Skin Sens. 1, H317
CINNAMAL	(CAS-No.) 104-55-2	1 – 10	Acute Tox. 4 (Dermal), H312
ALLYL CAPROATE	(CAS-No.) 123-68-2	1 – 10	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315
BENZALDEHYDE	(CAS-No.) 100-52-7	1 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319 STOT SE 3, H335
TRANS-ANETHOLE	(CAS-No.) 4180-23-8	1 – 10	Skin Sens. 1, H317 Aquatic Chronic 2, H411
TRANS-2-HEXENAL	(CAS-No.) 6728-26-3	0.1 – 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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 : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. Allow affected person to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash with plenty of water/... Get medical advice/attention.
- First-aid measures after eye contact : 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. Get medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Rinse mouth.

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 : May cause an allergic skin reaction.
- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Causes serious eye irritation.
- Symptoms/effects after ingestion : May be fatal if swallowed and enters airways.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

5.2. Specific hazards arising from the chemical

- Fire hazard : Flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture.
- Reactivity : Stable under normal conditions of use.

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5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment.
- 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 : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

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

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.
- Precautions for safe handling : Keep away from sources of ignition - No smoking. Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container tightly closed.
- 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

EUGENOL (97-53-0)		
DNEL	DNEL	36 mg/m ³
CINNAMAL (104-55-2)		
DNEL	DNEL	2.20395 mg/m ³
ALLYL CAPROATE (123-68-2)		
Not applicable		
BENZALDEHYDE (100-52-7)		
DNEL	DNEL	6.3 mg/m ³
TRANS-ANETHOLE (4180-23-8)		
Not applicable		

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TRANS-2-HEXENAL (6728-26-3)

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:

In case of repeated or prolonged contact wear 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. : 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	: 47 °C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Flammable liquid and vapour.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.914 – 0.918
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	: < 7 mm ² /s
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agent.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

APPLE CINNAMON TCELL	
LD50 oral rat	3684.61 mg/kg
LD50 dermal rat	5157.86 mg/kg
ATE US (oral)	3684.61 mg/kg bodyweight
ATE US (dermal)	5157.86 mg/kg bodyweight

CINNAMAL (104-55-2)	
LD50 oral rat	2500 mg/kg
LD50 dermal rat	1100 mg/kg
ATE US (oral)	2500 mg/kg bodyweight
ATE US (dermal)	1100 mg/kg bodyweight

ALLYL CAPROATE (123-68-2)	
LD50 oral rat	220 mg/kg
LD50 dermal rat	300 mg/kg
ATE US (oral)	220 mg/kg bodyweight
ATE US (dermal)	300 mg/kg bodyweight

BENZALDEHYDE (100-52-7)	
LD50 oral rat	1500 mg/kg
LC50 inhalation rat (mg/l)	11 mg/l/4h
ATE US (oral)	1500 mg/kg bodyweight
ATE US (gases)	4500 ppmv/4h
ATE US (vapours)	11 mg/l/4h
ATE US (dust,mist)	1.5 mg/l/4h

TRANS-2-HEXENAL (6728-26-3)	
ATE US (oral)	500 mg/kg bodyweight
ATE US (dermal)	1100 mg/kg bodyweight

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

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

Reproductive toxicity : Not classified

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STOT-single exposure	: Not classified
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	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be fatal if swallowed and enters airways.

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
CINNAMAL (104-55-2)	
LC50 fish 1	4.3 mg/l
EC50 other aquatic organisms 1	3.86 mg/l waterflea
EC50 other aquatic organisms 2	6.87 mg/l
BENZALDEHYDE (100-52-7)	
LC50 fish 1	1.07 mg/l
EC50 other aquatic organisms 1	23.7 mg/l waterflea
EC50 other aquatic organisms 2	> 100 mg/l

12.2. Persistence and degradability

APPLE CINNAMON TCELL	
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.

12.3. Bioaccumulative potential

APPLE CINNAMON TCELL	
Bioaccumulative potential	Not established.
EUGENOL (97-53-0)	
Partition coefficient n-octanol/water (Log Pow)	2.27
CINNAMAL (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	1.9
BENZALDEHYDE (100-52-7)	
Partition coefficient n-octanol/water (Log Pow)	1.48

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.

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SECTION 13: Disposal considerations

13.1. Disposal methods

- Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
- Additional information : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Handle empty containers with care because residual vapours are flammable.
- Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

- Transport document description : UN1169 Extracts, aromatic, liquid, 3, III
- UN-No.(DOT) : UN1169
- Proper Shipping Name (DOT) : Extracts, aromatic, liquid
- Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
- Packing group (DOT) : III - Minor Danger
- Hazard labels (DOT) : 3 - Flammable liquid



- DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
- DOT Packaging Bulk (49 CFR 173.xxx) : 242
- DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
- DOT Packaging Exceptions (49 CFR 173.xxx) : 150
- DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
- DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
- DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
- Other information : No supplementary information available.
- IBC code : Not applicable.

Transportation of Dangerous Goods

Not applicable

Transport by sea

- Transport document description (IMDG) : UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III
- UN-No. (IMDG) : 1169
- Proper Shipping Name (IMDG) : EXTRACTS, AROMATIC, LIQUID
- Class (IMDG) : 3 - Flammable liquids
- Packing group (IMDG) : III - substances presenting low danger
- Limited quantities (IMDG) : 5 L

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Air transport

Transport document description (IATA)	: UN 1169 Extracts, aromatic, liquid, 3, III
UN-No. (IATA)	: 1169
Proper Shipping Name (IATA)	: Extracts, aromatic, liquid
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

EUGENOL (97-53-0)

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

CINNAMAL (104-55-2)

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

ALLYL CAPROATE (123-68-2)

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

BENZALDEHYDE (100-52-7)

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

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

TRANS-ANETHOLE (4180-23-8)

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

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

TRANS-2-HEXENAL (6728-26-3)

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)

CINNAMAL (104-55-2)

Listed on the Canadian DSL (Domestic Substances List)

ALLYL CAPROATE (123-68-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

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Other information

: REACH Disclaimer:

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Full text of H-statements:

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

Indication of changes:

Section	Changed item	Change	Comments
	Revision date	Added	
	Signal word (GHS US)	Modified	
	Hazard pictograms (GHS US)	Modified	
	Precautionary statements (GHS US)	Modified	
	Hazard statements (GHS US)	Modified	
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.