CITRUS TCELL

Safety Data Sheet

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SECTION 1: Identification

1.1. Identification

Product name : CITRUS TCELL

Product code : 289141

SKU # : FG402113

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Odour agents
Air care products

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 4	H227	Combustible liquid
Skin corrosion/irritation, Category 2	H315	Causes skin 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) : H227 - Combustible liquid
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P235 - Store in a well-ventilated place. Keep cool.

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
TETRAHYDROLINALOOL	(CAS-No.) 78-69-3	20 – 50	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
DECANAL	(CAS-No.) 112-31-2	10 – 20	Skin Irrit. 2, H315 Aquatic Chronic 3, H412
C9-12 ISO-ALKANES	(CAS-No.) 90622-57-4	1 – 10	Asp. Tox. 1, H304 Flam. Liq. 3, H226
2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE	(CAS-No.) 68039-49-6	1 – 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
OCTANAL	(CAS-No.) 124-13-0	1 – 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Chronic 3, H412
ETHYL ISOVALERATE	(CAS-No.) 108-64-5	1 – 10	Flam. Liq. 3, H226 Skin Irrit. 2, H315
CITRONELLOL	(CAS-No.) 106-22-9	0.1 – 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
CITRAL	(CAS-No.) 5392-40-5	0.1 – 1	Skin Irrit. 2, H315 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 : 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 : Wash with plenty of water/…. Wash contaminated clothing before reuse. Get medical advice if skin irritation persists.

First-aid measures after eye contact : Obtain medical attention if pain, blinking or redness persists. Rinse immediately with plenty of water.

First-aid measures after ingestion : Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. 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 : None under normal use. May cause an allergic skin reaction.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

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 : Combustible liquid.

Explosion hazard : May form flammable/explosive vapour-air mixture.

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. Avoid release to the environment.

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.

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.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight, Ignition sources.

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

TETRAHYDROLINALOOL (78-69-3)		
Not applicable		

DECANAL (112-31-2)		
Not applicable		

C9-12 ISO-ALKANES (90622-57-4)		
Not applicable		

2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE (68039-49-6)		
Not applicable		

OCTANAL (124-13-0)		
Not applicable		

ETHYL ISOVALERATE (108-64-5)		
Not applicable		

CITRONELLOL (106-22-9)		
DNEL	DNEL	10 mg/m³

CITRAL (5392-40-5)		
DNEL	DNEL	9 mg/m³

8.2. Appropriate engineering controls

No additional information available

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	:	Transparent. clear.
	:	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	:	63 °C
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability (solid, gas)	:	Combustible liquid.
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	0.885 – 0.889
Relative density	:	No data available
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	:	No data available
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

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions. Combustible liquid. May form flammable/explosive vapour-air mixture. Not established.

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. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

CITRUS TCELL	
LD50 oral rat	15194.26 mg/kg
LD50 dermal rat	37500 mg/kg
ATE US (oral)	15194.26 mg/kg bodyweight
ATE US (dermal)	37500 mg/kg bodyweight

2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE (68039-49-6)	
LD50 oral rat	4000 mg/kg
ATE US (oral)	4000 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

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

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

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 : None under normal use. May cause an allergic skin reaction.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1. Toxicity

CITRONELLOL (106-22-9)	
LC50 fish 1	10 mg/l
EC50 other aquatic organisms 1	17.48 mg/l waterflea
EC50 other aquatic organisms 2	2.38 mg/l

CITRAL (5392-40-5)	
LC50 fish 1	4.1 mg/l

CITRAL (5392-40-5)	
EC50 other aquatic organisms 1	7 mg/l waterflea
EC50 other aquatic organisms 2	5 mg/l

12.2. Persistence and degradability

CITRUS TCELL	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

CITRUS TCELL	
Bioaccumulative potential	Not established.

2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE (68039-49-6)	
Partition coefficient n-octanol/water (Log Pow)	2.7

CITRONELLOL (106-22-9)	
Partition coefficient n-octanol/water (Log Pow)	3.1

CITRAL (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2.8

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the ozone layer : None to our knowledge

Effect on global warming : No known effects from this product.

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.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

UN-No. (IMDG) : -

Proper Shipping Name (IMDG) : -

Air transport

UN-No. (IATA) : -

Proper Shipping Name (IATA) : -

SECTION 15: Regulatory information

15.1. US Federal regulations

TETRAHYDROLINALOOL (78-69-3)
Not subject to reporting requirements of the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory

DECANAL (112-31-2)
Not subject to reporting requirements of the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory

C9-12 ISO-ALKANES (90622-57-4)
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE (68039-49-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

OCTANAL (124-13-0)
Not subject to reporting requirements of the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory

ETHYL ISOVALERATE (108-64-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313

CITRONELLOL (106-22-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

CITRAL (5392-40-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA
No additional information available

C9-12 ISO-ALKANES (90622-57-4)
Listed on the Canadian DSL (Domestic Substances List)

2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE (68039-49-6)
Listed on the Canadian DSL (Domestic Substances List)

CITRONELLOL (106-22-9)
Listed on the Canadian DSL (Domestic Substances List)

CITRAL (5392-40-5)
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

Revision date : 04/08/2020

Data sources	:	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
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:

H226	Flammable liquid and vapour.
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Indication of changes:

Section	Changed item	Change	Comments
	Revision date	Modified	
	Precautionary statements (GHS US)	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.