

Safety Data Sheet

Product: **CITRONELLA**

Southern Scentsations Inc.
27419 Telegraph Rd.
Flat Rock, MI 48134
734.782.2288

SKU#:

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1. Chemical Product and Company Identification

Trade Name: CITRONELLA;
Product Use: Fragrance for Consumer product
Supplier: Southern Scentsations Inc.
27419 Telegraph Rd.
Flat Rock, MI 48134
734.782.2288

Emergency Telephone Number(s):
(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
(831) 248-0585 International

2. Hazards Identification

General: Fragrance composition. When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.

Hazard Symbol: N, Dangerous for the Environment
Xi, Irritant
Xn, Harmful

Risk Phrases: R38, Irritating to skin
R41, Risk of serious damage to eyes
R43, May cause sensitization by skin contact
R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65, Harmful: may cause lung damage if swallowed

Safety Phrases: S2, Keep out of the reach of children
S24, Avoid contact with skin
S25, Avoid contact with eyes
S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37, Wear suitable gloves
S39, Wear eye/face protection
S61, Avoid release to the environment. Refer to special instructions/safety data sheet
S62, If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

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3. Composition/Information on Ingredients

Chemical Identification: CITRONELLA

CAS Number: Not Applicable, product is a mixture

EINECS Number: Not Applicable, product is a mixture

This product is a complex mixture of fragrance ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of Directive 67/548/EEC, or having an occupational Exposure Limit:

CAS #	EINECS/ ELINCS#	Classification	Conc. Range	Ingredient(s)
908000-29-1	289-753-6	N - R51/53 Xi - R38, R41, R43	50 - 60 %	Cymbopogon nardus (Citronella) oil
106-23-0	203-376-6	N - R51/53 Xi - R38, R43	5 - 10 %	Citronellal
68647-72-3	232-433-8	R10 N - R50/53 Xi - R38, R43 Xn - R65	5 - 10 %	Orange oil terpenes
68956-56-9	273-309-3	R10 N - R50/53 Xi - R38, R43 Xn - R65	5 - 10 %	Hydrocarbons, terpene processing by-products
8000-48-4	283-406-2	R10 N - R51/53 Xi - R43 Xn - R65	1 - 2 %	Eucalyptus globulus leaf oil

4. First Aid Measures

Inhalation: Remove from exposure site to fresh air and keep at rest.
Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes.
Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap).
Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

Others: Take risk and safety phrases (section 15) into account.

5. Fire-Fighting measures

Extinguishing Media: Carbon dioxide, dry chemical, foam.
Do not use a direct water jet on burning material.

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6. Accidental Release Measures

Personal precautions: Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

Spillage: Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

Environmental Precautions: Keep away from drains, soil, and surface and groundwater.

7. Handling and Storage

Handling: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Storage: Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

Fire protection: Keep away from ignition sources and naked flame.

8. Exposure Controls/Personal Protection

Respiratory Protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Eye Protection: Use goggles.

Skin Protection: Avoid Skin contact. Use chemically resistant gloves as needed.

Ingredients(s) with EU occupational exposure limit:
None to be reported

9. Physical and Chemical Properties

Appearance: Conforms to Standard

Odor: Conforms to Standard

Color: Pale Yellow

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint: 160 F (71.11 C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.6346

%VOC: 63

Specific Gravity @ 25 C: 0.9360

Density @ 25 C: 0.9330

Refractive Index @ 25 C: 1.4905

Soluble in: Oil

10. Stability and Reactivity

Reactivity: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

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11. Toxicological Information

Based on the ingredients in this preparation and their concentrations according to the conventional method of Directive 99/45/EC classified as:

R38, Irritating to skin				
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil	
R41, Risk of serious damage to eyes				
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil	
R43, May cause sensitization by skin contact				
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil	
106-23-0	203-376-6	5 - 10 %	Citronellal	
68647-72-3	232-433-8	5 - 10 %	Orange oil terpenes	
68956-56-9	273-309-3	5 - 10 %	Hydrocarbons, terpene processing by-products	
8000-48-4	283-406-2	1 - 2 %	Eucalyptus globulus leaf oil	
R65, Harmful: may cause lung damage if swallowed				
None			No single ingredient of significant concentration	

12. Ecological Information

Based on the ingredients in this preparation and their concentrations according to the conventional method of Directive 99/45/EC classified as:

R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment				
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil	
68647-72-3	232-433-8	5 - 10 %	Orange oil terpenes	
68956-56-9	273-309-3	5 - 10 %	Hydrocarbons, terpene processing by-products	

13. Disposal Conditions

Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
ADR/RID (International Road/Rail)				
Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IATA (Air Cargo)				
Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IMDG (Sea)				
Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082

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15. Regulatory Information

Classification Packaging/Labeling: Directive 92/32/EC

Hazard Symbol: N, Dangerous for the Environment
Xi, Irritant
Xn, Harmful

Risk Phrases: R38, Irritating to skin
R41, Risk of serious damage to eyes
R43, May cause sensitization by skin contact
R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65, Harmful: may cause lung damage if swallowed

Safety Phrases: S2, Keep out of the reach of children
S24, Avoid contact with skin
S25, Avoid contact with eyes
S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
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S61, Avoid release to the environment. Refer to special instructions/safety data sheet
S62, If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Contains:

908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil
908000-29-1	289-753-6	50 - 60 %	Cymbopogon nardus (Citronella) oil
106-23-0	203-376-6	5 - 10 %	Citronellal
68647-72-3	232-433-8	5 - 10 %	Orange oil terpenes
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8000-48-4	283-406-2	1 - 2 %	Eucalyptus globulus leaf oil

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Total Fractional Values (TFV) as recommended by ECHA

16. 16. TFV	Symbol	Code	Risk Phrase
0.80	Xn	R22	Harmful if swallowed
3.38	Xi	R38	Irritating to skin
5.20	Xi	R41	Risk of serious damage to eyes
52.00	Xi	R43	May cause sensitization by skin contact
0.48	N	R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
8.00	N	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
1.10	Xn	R65	Harmful: may cause lung damage if swallowed
0.20	Xn	R68/22	Harmful: possible risk of irreversible effects if swallowed

Remarks

According to directive 2001/58/EC the information in this safety data sheet is based on the properties of the material known to Southern Scentsations, Inc.™ at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Southern Scentsations, Inc.™ holds no responsibility. This document is not intended for quality assurance purposes.