

Section 1. Product and Company Identification

Product Name Citronella Oil
CAS Number 8000-29-1

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 ☎ (914) 654-6899
🌐 parchem.com ✉ info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

GHS Classification

Acute toxicity (dermal): Category 5

Acute toxicity (oral): Category 5

Eye damage: Category 1

Environmental hazard (acute): Category 2

Environmental hazard (chronic): Category 2

Flammable: Category 4

Skin irritation: Category 2

Skin sensitization: Category 1

GHS Label Elements

Pictograms:



Signal word: DANGER

Hazard and precautionary statements

Hazard Statements

H313: May be harmful (4200) in contact with skin

H303: May be harmful if swallowed (4000)

H318: Causes serious eye damage

H401: Toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects

H227: Combustible liquid

H315: Causes skin irritation

H317: May cause an allergic skin reaction



Precautionary Statements

- P210: Keep away from heat- no smoking
- P261: Avoid breathing fumes
- P264: Wash hands thoroughly after handling
- P272: Contaminated work clothing should not be allowed out of the workplace
- P273: Avoid release to the environment
- P280: Wear protective glove and eye protection
- P302/352: If on skin, wash with plenty of soap and water
- P305/351/338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
- P310: Immediately call a poison center
- P312: Call a poison center if you feel unwell
- P332/313: If skin irritation occurs, get medical attention
- P362: Take off contaminated clothing and wash before reuse
- P391: Collect spillage
- P403/235: Store in a well-ventilated place. Keep cool
- P501: Dispose of contents/container in accordance with local and national regulations

Potential Health Effects: Irritant. Irritating to eyes, respiratory system and skin. Keep out of reach of children. Wear suitable gloves and eye/face protection.

Section 3. Composition / Information on Ingredients

Common Name Citronella Oil
Synonym(s) Botanical Name: Cymbopogon Nardus Rendle
CAS Number 8000-29-1

COMPONENT	CAS NUMBER	CONCENTRATION
Citronella Oil	8000-29-1	100%

Section 4. First Aid Measures

Eye contact: Remove contact lenses. Immediately flush eyes with plenty of clean water for an extended time, not less than 5 minutes. Flush longer if there is any indication of residual chemical in eye. Ensure adequate Flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion.

Skin Contact: Immediately remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). Launder clothing before re-use. If irritation develops, call a physician.

Ingestion: In the event of accidental ingestion, do not induce vomiting. Rinse out the mouth with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Inhalation: If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.



Section 5. Firefighting Measures

Extinguishing Media: Foam, CO₂, Dry chemical

Unusual Fire and Explosion Hazards: Irritating or toxic substances may be emitted upon burning, combustion or decomposition

Firefighting Procedures: Wear self-contained breathing apparatus (SCBA), equipped with a full face piece, operated in a pressure demand mode (or other positive pressure mode) and approved protective clothing. Personnel without respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during the cleanup immediately after a fire as well as during the attack phase of the firefighting operations

Section 6. Accidental Release Measures

Containment Techniques: Prevent entry into sewers and waterways. Contain by diking with sand, earth or other non-combustible material. If spilled in an enclosed area, ventilate.

Clean-up technique: Wear proper personal protective clothing and equipment. Do not flush into public sewer, water systems or surface waters. Eliminate sources of ignition. Soak up large spill residue and small spills with an inert absorbent. Place into labeled, closed container.

Section 7. Handling and Storage

Handling: Wash hands thoroughly after handling this product. Always wash up before eating, smoking, or using the facilities. Use under well-ventilated conditions. Avoid eye and skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid drinking, tasting, swallowing, or ingesting this product. Provide eyewash fountains and safety showers in the work area.

Storage: Empty container contains residual product which may exhibit hazards of the product. Store in a cool and dry, under well-ventilated conditions. Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Product can easily oxidize. It is recommended that opened containers be padded with nitrogen. Keep away from heat, sparks and open flames

Section 8. Exposure Controls / Personal Protection

Exposure Controls

OSHA TWA: Not Determined

ACGIH TWA: Not Determined

NIOSH TWA: Not Determined

OSHA PEL: Not Determined

ACGIH STEL: Not Determined

NIOSH STEL: Not Determined

Section 9. Physical and Chemical Properties

Appearance: Clear yellow to brownish liquid
Odor: Pronounced rose, lemon like odor
Specific gravity (25°C): 0.8716 - 0.9016
Refractive index (20°C): 1.4563 - 1.4863
Boiling point: N/A
Solubility in water: Insoluble
Flash point: 175
Melting point: N/A

Section 10. Stability and Reactivity

Stability: Stable under normal conditions
Conditions to avoid: Excessive heat, open flames and other sources of ignition.
Materials to avoid: Strong oxidizing agents, strong reducing agents, and strong bases.
Hazardous byproducts: Carbon monoxide and carbon dioxide. Hazardous polymerization will not occur.

Section 11. Toxicological Information

Oral (LD50): Not determined
Dermal (LD50): Not determined
Skin irritation: Not determined
Eye irritation: Not determined
Inhalation (LC50): Not determined
Mutagenicity: Not determined
Phototoxicity: Not determined
Human data: Not determined
Carcinogenicity: Negative
Reproductive toxin: Negative

Section 12. Ecological Information

Biodegradability
Readily biodegradable: Not determined
Inherently biodegradable: Not determined

Ecotoxicity

Fish: Not determined
Algae: Not determined
Daphnia: Not determined
Bacteria: Not determined



Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

US DOT

Hazard Class: 9

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.

UN Number: UN3082

Packing Group: III

Land Transport (ADR/RID)

Class: 9

Transport Factor: 8, IB3, T4, TP1, TP29

Marine Transport (IMDG)

IMDG Class: 9

Page No.: 151

EmS No.: F-A, S-F

Air Transport (IATA)

IATA Class: 9

Passenger: 450L Maximum

Cargo: 450L Maximum

Section 15. Regulatory Information

Symbol

Xi: Irritant

N: Dangerous for the environment

R-Phrase

38: Irritating to skin

43: May cause sensitization by skin contact

51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-Phrase

24: Avoid contact with skin

37: Wear suitable gloves

61: Avoid release to the environment. refer to special instructions/safety data sheets



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 9/25/2015

