

MATERIAL SAFETY DATA SHEET	
For Manufacturing, Processing, or Repacking Only.	
1 : Identification of the substance / preparation and company	
Product Code / Trade Name :	RW101405 / citronellol
Supplier Details :	The Good Scents Company
Information :	414-764-2659
Version Date :	09/14/2007
2 : Composition / information on ingredients	
Chemical characterization :	
Hazardous ingredient(s) :	
3,7-dimethyl-6-octen-1-ol 95.00 - 100.00 %	
Hazard symbols : Xi N R phrases : 36/38 43 51/53	
mol./wt. : 156.2652000 formula : C10 H20 O cas : 106-22-9	
einecs number : 203-375-0	
Toxnet epa-srs Niosh	
3 : Hazard identification	
Most important hazards :	
<p>Irritant, Dangerous for the environment. Irritating to skin and eyes. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection. Avoid release to the environment. Refer to special instructions/safety data sheet.</p>	
4 : First-aid measures	
Remove contaminated soaked clothing and wash before reuse.	
After eye contact :	
In case of contact with eyes, rinse immediately with plenty of water for at least 10 minutes. Assure adequate flushing by separating the eyelids with fingers and seek medical advice.	
After skin contact :	
After contact with skin, wash immediately affected area with soap and plenty of water. Seek medical advice if irritation persists.	
After inhalation :	
If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.	
After ingestion :	

If swallowed, rinse mouth with water (only if the person is conscious). Obtain medical advice.

5 : Fire-fighting measures

Extinguishing media :

Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

Special firefighting procedures :

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards :

Emits toxic fumes under fire conditions.

6 : Accidental release measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.

To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters.

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

7 : Handling and storage

Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeshields and protective clothing. Smoking should not be permitted in work areas.

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources.

Keep in glass, suitable plastic, aluminum or laquer-lined containers.

8 : Exposure controls / personal protection

Occupational exposure limits :

OSHA TWA : Not determined

ACGIH TWA : Not determined

NIOSH TWA : Not determined

OSHA PEL : Not determined

ACGIH STEL : Not determined

NIOSH STEL : Not determined

Respiratory protection :

Do not breath vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

Hand protection :

Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Eye protection :

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Body protection :

Light protective clothing recommended. Wash contaminated clothing before reuse.

Hygiene measures :

Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.

9 : Physical and chemical properties

Appearance / odor :

colorless to pale yellow clear liquid / floral leather waxy rose bud citrus

Melting point :	Not determined
Boiling point :	225.00 °C. @ 760.00 mmHg
Flash point (Deg. F.) :	> 200.00 °F. TCC (> 93.33 °C.)
Flammability :	Not determined
Autoflammability :	Not determined
Explosive properties :	Not determined
Oxidizing properties :	Not determined
Vapor pressure :	Not determined
Vapor density :	Not determined
Volatile by volume :	100.00 %
Evaporation rate :	Not determined
Specific gravity :	0.85000 - 0.86000 @ 25 °C.
PH of Product :	Not determined
Solubility in water :	Insoluble

10 : Stability and reactivity

Stability :	Stable
Conditions to avoid :	Heat, excessive heat, open flames and other sources of ignition.
Incompatibility :	Strong oxidizing agents, strong reducing agents.
Hazardous decomposition products :	Hazardous combustion or decomposition products: carbon monoxide, carbon dioxide. Hazardous polymerization will not occur.

11 : Toxicological information

Acute effects :	Irritant, Dangerous for the environment. Irritating to skin and eyes. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Toxicity data :	LD 50 ORL-RAT 3450.00 MG/KG LD 50 SKN-RBT 2650.00 MG/KG
Irritation data :	Not determined

	Not determined
Inhalation data :	Not determined
Mutagenicity data :	Not determined
Phototoxicity data :	Not determined
Human experience :	Not determined
Carcinogenicity :	Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No
Reproductive toxin :	Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No
On the TSCA Inventory? :	Yes
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
Further information :	Prevent contamination of soil, ground and surface waters. Do not discharge product unmonitored into the environment.
Mixture reportable to :	FIFRA-Inerts
13 : Disposal considerations	
Dispose of in accordance with all federal, state and local environmental regulations.	
14 : Transport information	
US DOT Hazard Class :	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,N.O.S. (CITRONELLOL), 9, UN3082, PGIII
UN Number :	3082
UN Pkg. Group :	III
UN item :	Not determined
ERG Number :	171
Land transport (ADR/RID)	
Class :	Not determined
Transportfactor :	Not determined
Marine transport (IMDG)	
IMDG-class :	Not determined

Page No. :	Not determined		
MFAG :	Not determined		
EmS-No. :	Not determined		
Air transport (IATA)			
IATA-class :	Not determined		
Passenger :	Not determined		
Cargo :	Not determined		
15 : Regulatory information			
European information :			
<p>Xi N - Irritant, Dangerous for the environment. R 36/38 - Irritating to skin and eyes. R 43 - May cause sensitisation by skin contact. R 51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S 02 - Keep out of the reach of children. S 24/25 - Avoid contact with skin and eyes. S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 37/39 - Wear suitable gloves and eye/face protection. S 61 - Avoid release to the environment. Refer to special instructions/safety data sheet.</p>			
Reviews, standards, and regulations :			
<p>NOHS 1974: HZD A1604; NIS 4; TNF 63; NOS 35; TNE 7418 NOES 1983: HZD A1604; NIS 62; TNF 8621; NOS 83; TNE 163706; TFE 87309 EPA TSCA SECTION 8(B) CHEMICAL INVENTORY Subject to EU Fragrance Allergen labeling</p>			
16 : Other information			
Fema No. :	2309		
Hazardous materials identification system :			
Fire : 1	Health : 2	Reactivity : 0	Personal protection : B
Disclaimer			
<p>The information contained on the Material Data Sheet has been compiled from data considered accurate. ; This data is believed to be reliable, however, it must be pointed out that values for certain properties are known ; to vary from source to source. The Good Scents Company USA Expressly disclaims any warranty expressed or implied ; as well as any liability for any injury or loss arising from the use of this information or the materials described. ; This data is not to be construed as absolutely complete since additional data may be desirable when particular ; conditions or circumstances exist. It is the responsibility of the user to determine the best precautions ; necessary for the safe handling and use of this product for your application. This data relates only to the ; specific material designated and not to be used in combination with any other material. Many federal and state ; regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. ; It is the purchaser's responsibility to</p>			

familiarize themselves with all applicable regulations.

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