

<b>MATERIAL SAFETY DATA SHEET</b>	
<b>For Manufacturing, Processing, or Repacking Only.</b>	
<b>1 : Identification of the substance / preparation and company</b>	
<b>Product Code / Trade Name :</b>	<b>RW101382 / alpha-amyl cinnamaldehyde</b>
<b>Supplier Details :</b>	<b>The Good Scents Company</b>
<b>Information :</b>	<b>414-764-2659</b>
<b>Version Date :</b>	<b>09/13/2007</b>
<b>2 : Composition / information on ingredients</b>	
<b>Chemical characterization :</b>	
<b>Hazardous ingredient(s) :</b>	
<b>alpha-pentyl-beta-phenyl acrolein 98.00 - 100.00 %</b>	
<b>Hazard symbols : Xi R phrases : 36/37/38 43</b>	
<b>mol./wt. : 202.2921200 formula : C14 H18 O cas : 122-40-7; 1331-92-6</b>	
<b>einecs number : 204-541-5;</b>	
<b>Toxnet epa-srs Niosh</b>	
<b>3 : Hazard identification</b>	
<b>Most important hazards :</b>	
<b>Irritant</b> <b>Irritating to eyes, respiratory system, and skin.</b> <b>May cause sensitisation by skin contact.</b> <b>Keep out of the reach of children.</b> <b>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</b> <b>Wear suitable gloves and eye/face protection.</b>	
<b>4 : First-aid measures</b>	
<b>Remove contaminated soaked clothing and wash before reuse.</b>	
<b>After eye contact :</b>	
<b>In case of contact with eyes, rinse immediately with plenty of water for at least 10 minutes and seek medical advice.</b>	
<b>After skin contact :</b>	
<b>After contact with skin, wash immediately affected area with soap and plenty of water.</b>	
<b>After inhalation :</b>	
<b>If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.</b>	
<b>After ingestion :</b>	
<b>If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain immediate medical advice.</b>	

### 5 : Fire-fighting measures

#### Extinguishing media :

Carbon Dioxide; Dry Chemical; Universal-Type Foam.

#### 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 :**

pale yellow to yellow clear liquid / sweet floral oily fruity herbal jasmin

**Melting point :** Not determined

**Boiling point :** 287.00 - 290.00°C. @ 760.00 mmHg

**Flash point ( Deg. F. ) :** > 212.00 °F. TCC ( > 100.00 °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 :** 0.96300 - 0.97100 @ 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 :** Carbon monoxide, carbon dioxide. Hazardous polymerization will not occur.

**11 : Toxicological information**

**Acute effects :** Irritant  
Irritating to eyes, respiratory system, and skin.  
May cause sensitisation by skin contact.

**Toxicity data :** LD 50 ORL-RAT 3730.00 MG/KG FCTXAV 2,327,1964

Not determined

**Irritation data :** SKN-RBT 100.00 UG/24H SEV CTOIDG 94(8),41,79

Not determined

**Inhalation data :** Not determined

**Mutagenicity data :** Not determined

<b>Phototoxicity data :</b>	<b>Not determined</b>
<b>Human experience :</b>	<b>Not determined</b>
<b>Carcinogenicity :</b>	<b>Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No</b>
<b>Reproductive toxin :</b>	<b>Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No</b>
<b>On the TSCA Inventory? :</b>	<b>Yes</b>
<b>12 : Ecological information</b>	
<b>Biodegradability</b>	
<b>Readily biodegradable :</b>	<b>Not determined</b>
<b>Inherently biodegradable :</b>	<b>Not determined</b>
<b>Ecotoxicity</b>	
<b>Fish :</b>	<b>Not determined</b>
<b>Algae :</b>	<b>Not determined</b>
<b>Daphnia :</b>	<b>Not determined</b>
<b>Bacteria :</b>	<b>Not determined</b>
<b>Further information :</b>	<b>Prevent contamination of soil, ground and surface waters. Do not discharge product unmonitored into the environment.</b>
<b>Mixture reportable to :</b>	<b>FIFRA-Inerts</b>
<b>13 : Disposal considerations</b>	
<b>Dispose of in accordance with all federal, state and local environmental regulations.</b>	
<b>14 : Transport information</b>	
<b>US DOT Hazard Class :</b>	<b>n/a keep away from children</b>
<b>UN Number :</b>	<b>Not found</b>
<b>UN Pkg. Group :</b>	<b>Not determined</b>
<b>UN item :</b>	<b>Not determined</b>
<b>ERG Number :</b>	<b>Not determined</b>
<b>Land transport (ADR/RID)</b>	
<b>Class :</b>	<b>Not determined</b>
<b>Transportfactor :</b>	<b>Not determined</b>
<b>Marine transport (IMDG)</b>	
<b>IMDG-class :</b>	<b>Not determined</b>
<b>Page No. :</b>	<b>Not determined</b>
<b>MFAG :</b>	<b>Not determined</b>
<b>EmS-No. :</b>	<b>Not determined</b>

**Air transport (IATA)****IATA-class :** Not determined**Passenger :** Not determined**Cargo :** Not determined**15 : Regulatory information****European information :****Xi - Irritant****R 36/37/38 - Irritating to eyes, respiratory system, and skin.****R 43 - May cause sensitisation by skin contact.****S 02 - Keep out of the reach of children.****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.****Reviews, standards, and regulations :**

**NOES 1983: HZD X1835; NIS 22; TNF 6963; NOS 31; TNE 79408; TFE 47945 EPA TSCA SECTION 8(B) CHEMICAL INVENTORY EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 2001 Stabilized with 0.1% BHT and 0.3% BHA Subject to EU Fragrance Allergen labeling log p: 4.36**

**16 : Other information****Fema No. :** 2061**Hazardous materials identification system :****Fire : 1****Health : 2****Reactivity : 0****Personal protection : B****Disclaimer**

**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 familiarize themselves with all applicable regulations.**

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