

Section 1. Product and Company Identification

**Product Name** Cinnamon Oleoresin  
**CAS Number** 8015-91-6

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

Acute Tox. 4 H312 Harmful in contact with skin.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
Flam. Liq. 4 H227 Combustible liquid.

**GHS Label Elements**

**Pictograms:**



**Signal word:** WARNING

**Hazard and precautionary statements**

**Hazard statements**

H227 Combustible liquid.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

**Precautionary statements**

P210 Keep away from flames and hot surfaces. - No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see on this label).



P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard-determining components of labeling:** Cinnamon Oleoresin, Cassia Oleoresin, Cinnamon Bark Oil

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### Section 3. Composition / Information on Ingredients

**Common Name** Cinnamon Oleoresin  
**CAS Number** 8015-91-6

#### Section 4. First Aid Measures

##### Description of first aid measures

**General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:** Supply fresh air and be sure to call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** If symptoms persist consult doctor.

##### Information for doctor

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

#### Section 5. Firefighting Measures

##### Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub> or extinguishing powder. Fight larger fires with alcohol resistant foam.

**Special hazards arising from the substance or mixture:** No further relevant information available.

##### Advice for firefighters

**Protective equipment:** No special measures required.



**Additional information:** Cool endangered receptacles with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

#### Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Not required.

**Environmental precautions:** No special measures required.

**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

**Reference to other sections:** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

#### Section 7. Handling and Storage

##### Handling

**Precautions for safe handling:** No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:** No special measures required.

##### Conditions for safe storage, including any incompatibilities

##### Storage

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s):** No further relevant information available.

#### Section 8. Exposure Controls / Personal Protection

**Additional information about design of technical systems:** No further data; see item 7.

##### Control parameters

**Components with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists that were valid during the creation were used as a basis.

##### Exposure controls

##### Personal protective equipment

**General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Breathing equipment:** Not required.



### Protection of hands

**Protective gloves:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material should be based on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material:** The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles

## Section 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance

**Form:** Liquid

**Color:** Yellow to brown

**Odor:** Cinnamon

**Odor threshold:** Not determined.

**pH-value:** Not determined.

#### Change in condition

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** > 200 °C (> 392 °F)

**Flash point:** > 60°C (> 140°F)

**Flammability (solid, gaseous):** Not applicable.

**Decomposition temperature:** Not determined.

**Auto igniting:** Not determined.

**Danger of explosion:** Not determined.

#### Explosion limits

**Lower:** Not determined.

**Upper:** Not determined.

**Vapor pressure:** Not determined.

**Density at 20°C (68°F):** 1.05 g/cm<sup>3</sup> (8.762 lbs/gal)

**Relative density:** Not determined.

**Vapor density:** Not determined.

**Evaporation rate:** Not determined.



**Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity**

**Dynamic:** Not determined.

**Kinematic:** Not determined.

**Organic solvents:** 0.0%

**Other information:** No further relevant information available.

Section 10. Stability and Reactivity

**Reactivity**

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

Section 11. Toxicological Information

**Information on toxicological effects**

**Acute toxicity**

**Primary irritant effect**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

**Sensitization:** Sensitization possible through skin contact.

**Additional toxicological information**

**Carcinogenic categories**

**IARC (International Agency for Research on Cancer):** Substance is not listed.

**NTP (National Toxicology Program):** Substance is not listed.

**OSHA-Ca (Occupational Safety & Health Administration):** Substance is not listed.



Section 12. Ecological Information

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Behavior in environmental systems**

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Additional ecological information**

**General notes:** Generally not hazardous for water

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

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

**UN-Number**

**DOT, ADR, ADN, IMDG, IATA:** Not Regulated

**UN proper shipping name**

**DOT, ADR, ADN, IMDG, IATA:** Not Regulated

**Transport hazard class(es)**

**DOT, ADR, ADN, IMDG, IATA**

**Class:** Not Regulated

**Packing group**

**DOT, ADR, IMDG, IATA:** Not Regulated

**Environmental hazards**

**Marine pollutant:** No



**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

**Transport/Additional information:** Not dangerous according to the above specifications.

#### DOT

##### Quantity limitations

**On passenger aircraft/rail:** -

**On cargo aircraft only:** -

**UN "Model Regulation":** -

Section 15. Regulatory Information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

##### SARA

**Section 355 (extremely hazardous substances):** Substance is not listed.

**Section 313 (Specific toxic chemical listings):** Substance is not listed.

**TSCA (Toxic Substances Control Act):** Substance is listed.

##### Proposition 65

**Chemicals known to cause cancer:** Substance is not listed.

**Chemicals known to cause reproductive toxicity for females:** Substance is not listed.

**Chemicals known to cause reproductive toxicity for males:** Substance is not listed.

**Chemicals known to cause developmental toxicity:** Substance is not listed.

##### Carcinogenic categories

**EPA (Environmental Protection Agency):** Substance is not listed.

**TLV (Threshold Limit Value established by ACGIH):** Substance is not listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health):** Substance is not listed.

##### NFPA ratings

**Health:** 1

**Fire:** 2

**Reactivity:** 0



**HMIS-ratings**

**Health:** 1

**Fire:** 2

**Reactivity:** 0

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.

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