

| | | | |
|-------------------|-----------|-----------|---|
| Octoxynol-10 | 9036-19-5 | 10 - 30 | Y |
| Ethanol | 64-17-5 | 1 - 5 | Y |
| Cinnamaldehyde | 104-55-2 | 1 - 5 | Y |
| n-Pentyl Acetate | 628-63-7 | 0.5 - 1.5 | Y |
| Methyl Salicylate | 119-36-8 | 0.5 - 1.5 | Y |
| d-Limonene | 5989-27-5 | 0.5 - 1.5 | Y |

Section 4. First Aid Measures

| | |
|---------------------|---|
| Eye Contact: | Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician. |
| Skin Contact: | Wash with soap and water. |
| Inhalation: | Remove to fresh air. |
| Ingestion: | Give water or milk to drink if conscious. |
| Note to Physicians: | Contains more than 10% fragrance oils. Induction of vomiting is NOT recommended. If needed, gastric lavage may be used. |

Section 5. Fire Fighting Measures

| | |
|---------------------------------|---|
| Suitable Extinguishing Media: | Water, foam, carbon dioxide, dry chemical |
| Unsuitable Extinguishing Media: | None known |
| Products of Combustion: | Oxides of carbon, nitrogen, sulfur |
| Protection of Firefighters: | As for surrounding fire |

Section 6. Accidental Release Measures

| | |
|----------------------------|--|
| Personal Precautions: | Keep away from skin and eyes |
| Environmental Precautions: | Keep out of surface waters |
| Methods for Containment: | Dike with sand, clay or other suitable material. |
| Methods for Clean-Up: | Absorb with sand, clay or other suitable material. |
| Other Information: | |

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Closed original containers at ambient conditions (5-50°C; 40 - 120°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

| COMPONENT: | TWA: | LD-50 |
|-------------------|----------------------|----------------|
| Water | Not applicable | Not applicable |
| Octoxynol-10 | Mists TLV 10 mg/cu m | 707 mg/kg |
| Ethanol | TLV 1000 ppm | 7060 mg/kg |
| Cinnamaldehyde | None established | 2220 mg/kg |
| n-Pentyl Acetate | TLV 50 ppm | 14000 mg/kg |
| Methyl Salicylate | None established | 887 mg/kg |
| d-Limonene | None established | 4400 mg/kg |

Engineering Controls: Normal ventilation

Eye/Face Protection: Protective goggles recommended if handling large quantities.

Skin Protection: Rubber or other protective gloves recommended if handling large quantities.

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Keep out of food and beverages.

Section 9. Physical and Chemical Properties

| | |
|--|---|
| Color: Transparent blue–green | Odor: Characteristic spicy aroma |
| Physical State: Liquid | Odor Treshhold: |
| pH: 6.75 – 7.25 | Freezing Point: Not determined |
| Evaporation Rate: As water | Boiling Point: 100°C/212°F |
| Flash Point: >96°C/>205°F PMCC | Flammability(solid,gas): Not applicable |
| Upper Flammability Limit: Not determined | Lower Flammability Limit: Not determined |
| Vapor Pressure: As water | Specific Gravity: 1.02 |
| Vapor Density: Not determined | Auto–ignition Temperature: Not determined. |
| Volatile Organic Compound (VOC),%weight: | Solubility (water): Soluble. At some concentrations may appear milky on first mixing. |
| Less than 5% | Percent Volatile: 65% including water |

Section 10. Stability and Reactivity

Stability: Stable
Conditions to Avoid: None known
Incompatable Materials: None known
Hazardous Decomposition Products: None known
Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

| | |
|------------------|---|
| Oral LD50: | Not determined for mixture. Weighted average more than 2700 mg/kg. |
| Dermal LD50: | Not classified as toxic by skin contact. Not determined for mixture. Weighted average more than 5700 mg/kg. |
| Inhalation: | Not classified as toxic by inhalation. Not determined for mixture. Weighted average more than 9 mg/L. |
| Eye Irritation: | Direct contact is irritating. If eyes are not rinsed immediately, irritation can become severe. |
| Skin Irritation: | Prolonged or repeated contact can irritate or dry skin. |
| Sensitization: | None known |

CHRONIC EFFECTS

| | |
|------------------------|------------|
| Carcinogenicity: | None known |
| Mutagenicity: | None known |
| Reproductive Effects: | None known |
| Developmental Effects: | None known |

Section 12. Ecological Information

| | |
|-------------------------------|----------------|
| Ecotoxicity: | None known |
| Persistence/Degradability: | Biodegradable |
| Bioaccumulation/Accumulation: | None known |
| Mobility in Enviroment: | Not determined |

Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State or Provincial,and Local regulations.

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: NOT REGULATED

CANADA TDG (ground)

Proper Shipping Description: NOT REGULATED

ICAO (air)

Proper Shipping Description: NOT REGULATED

IMDG (water)

Proper Shipping Description: NOT REGULATED

| |
|------------------------------------|
| Section 15. Regulatory Information |
|------------------------------------|

Global Inventories

| | |
|------------------------|-----------|
| TSCA: United States | Included |
| DSL: Canada | Included |
| ECL: Korea | Not-Known |
| PICCS: Philippines | Not-Known |
| ENCS: Japan | Not-Known |
| AICS: Australia | Included |
| IECS: China | Not-Known |
| EINECS: European Union | Included |

SARA 313 Information : No SARA 313 substances present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

| |
|-------------------------------|
| Section 16. Other Information |
|-------------------------------|

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.