

Starch	9005-25-8	40 – 60	N
Trade Secret Fragrance Mixture	None	0.5 – 1.5	N
Cinnamaldehyde	104-55-2	0.1 – 1.0	Y
Methyl Salicylate	119-36-8	0.1 – 1.0	Y

Section 4. First Aid Measures

Eye Contact:	Flush with copious amounts of clean water, holding lids apart. 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:	Forms a gel with liquids, including gastric fluid. Large quantities of water will spread gel into a slurry than can be rinsed out of eyes. Gel is soft.

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 and nitrogen
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:	If slurry, dike with sand, clay or other suitable material. Gel or unwetted powder will not flow.
Methods for Clean-Up:	Scoop or shovel up for disposal.
Other Information:	

Section 7. Handling and Storage

HANDLING

Keep dry and away from skin and eyes

STORAGE

Keep in closed, original container at ambient temperatures (5-50°C)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Sodium Polyacrylate	None established	>5000 mg/kg
Starch	None established	>5000 mg/kg
Trade Secret Fragrance Mixture	None established	Not determined
Cinnamaldehyde	None established	2220 mg/kg
Methyl Salicylate	None established	887 mg/kg

Engineering Controls: Not normally necessary

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

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

Respiratory Protection: Dust mask or respirator recommended if handling large quantities

General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties

Color: White

Odor: Spicy

Physical State: Fine powder
pH: Not applicable
Evaporation Rate: Not applicable
Flash Point: Not applicable
Upper Flammability Limit: Not determined
Vapor Pressure: Less than 0.01 Torr at 20°C
Vapor Density: Not determined
Volatile Organic Compound (VOC),%weight:
Less than 2%, all fragrance

Odor Treshhold:
Freezing Point: Not applicable
Boiling Point: Not applicable
Flammability(solid,gas): Not considered flammable
Lower Flammabilty Limit: Not determined
Specific Gravity: Not applicable. Bulk density, tapped,
not less than 0.45 g/mL
Auto-ignition Temperature: Not determined
Solubility (water): Forms gel with up to 100 times its
mass; forms slurry with larger quantities of water
Percent Volatile: Less than 2%, all fragrance

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 1200 mg/kg.
Dermal LD50: Not determined. Weighted average more than 2 grams per kilogram.
Inhalation: Not determined. No components classified as toxic by inhalation at concentrations present. Weighted average more than 3 milligrams per Liter.
Eye Irritation: Direct contact can irritate eyes
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: Not determined
Mobility in Enviroment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State and Local regulations

Section 14. Transportation Information

US DOT (ground)
Proper Shipping Description: Not a Hazardous Material
CANADA TDG (ground)
Proper Shipping Description: Not a Dangerous Good
ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

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

Not regulated

Section 16. Other Information

Refers to product made on or after 9 March 2006

Legends:

NFPA, HMIS:

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

Prepared By: Technical Dept.

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