

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|------------------------|---|--|
| Product name | : | EcoSoya Wax - Q210 |
| Synonyms | : | Soy Wax |
| Country of Origin | : | USA |
| Product use | : | Domestic and Industrial |
| Supplier | : | New Directions Aromatics Inc. |
| Address | : | 6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9 |
| Fax | : | 905-362-1926 |
| Telephone number | : | 905-362-1915 |
| Emergency phone number | : | (613)-996-6666 CANUTEC 24 HOUR EMERGENCY |

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Not classified as hazardous according to the Dangerous Substance Directive (67/548/EC) or CLP Regulation 1272/2008/EC.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO | EC NO | Concentration |
|--------------|--------|-------|---------------|
| Mixture | - | - | 100 % |

Product is a mixture of hydrogenated and interesterified glycerides of soybean oil.

4. FIRST AID MEASURES

Eye contact

Flush eyes immediately with temperate water for at least 15 minutes while holding the eyelids open. If adverse eye effects follow seek medical attention.

In contact with or splashed by HOT molten liquid:

Cool the area immediately with cold water. Obtain medical attention immediately and seek the advice of an ophthalmologist.

Skin contact

Wash the affected body parts with soap and warm water. If adverse skin effects, follow seek medical attention.

In contact with or splashed by HOT molten liquid:

Cool the skin immediately with cool water. Treat burns according to their severity. To avoid damage to the skin no attempt should be made to remove wax firmly adhering to the skin. In case of circumferential burns splitting of the wax ring may be considered to prevent tourniquet effect. Obtain medical attention immediately. Never try to remove the materials with solvents.

Inhalation

Over-heated wax can produce fumes which may be an irritant when inhaled. Remove the affected person to fresh air. If recovery is not rapid, seek medical attention.

Ingestion

Do NOT induce vomiting. If adverse health effects follow, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Direct water steam.

Special protective equipment and precautions for fire-fighters

Only suitably trained personnel should attempt to tackle fires. Use standard firefighting procedures when extinguishing fat or oil fires.

Special hazards arising from the substance or its combustible products

Potential flammability hazard when wax vapors are exposed to heat or flame. During a fire, carbon monoxide and carbon dioxide gases may be generated by thermal decomposition or combustion.

Resulting gases

Carbon monoxide, carbon dioxide and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Take precautionary measures to avoid slippery surfaces caused by spills, use sand or comparable material for traction where needed.

Environmental precautions

Confine spill with sand or other adsorbent inert media. Do not allow the product to enter public drainage system or open water courses.

Methods and materials for containment and cleaning up

Use sand or active clay to absorb molten product or allow to set before removal. Scrape up spilled substance and remove to containers for disposal in accordance with governmental regulations. Clean area with detergent and hot water.

7. HANDLING AND STORAGE

Precautions for safe handling

Sensitive individuals may experience dermatitis after prolonged exposure to the skin. If handling containers of hot wax, insulated neoprene gloves, aprons and boots, face shields or other personal protective equipment may be required. Wash hands after working with the material. Do not wear contaminated clothing. Excessive inhalation of oil mist may affect the respiratory system. Hot oil mist is classified as a nuisance particle by ACGIH.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed and stored in a cool dry area out of direct exposure to heat and sunlight preferably at 22°C.

SPECIFIC END USE: This material is formulated for use in the manufacture of candles.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

No special precautions are needed beyond clean working conditions and safe handling practices. Safety glasses with side protection or better may be required.

Skin

No special precautions are needed beyond clean working conditions and safe handling practices. Insulated neoprene, PVC or nitrile gloves, aprons and boots, face shields or other personal protective equipment may be required.

Respiratory

Inhalation of the vapor, fumes or mists should be avoided by safe working practices and good ventilation. If exposed to hot oil mist, an appropriate NIOSH-approved respirator for organic vapors may be required.

Ingestion

Not for ingestion.

Control parameters

If exposed to hot oil mist, an appropriate NIOSH-approved respirator for organic vapors may be required. If handling containers of hot wax, insulated neoprene gloves, aprons and boots, face shields or other personal protective equipment may be required. Ventilation should be provided in areas where hot wax is being used. As with any hot liquid, hot wax can burn the skin. In all circumstances exposure should be kept as low as reasonably possible by good ventilation and safe working practices.

Exposure limit values

Liquid or solid: none known.

Oil Mist: suggested-15 mg/m³ total particles.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|------------------------------|---|--|
| Appearance | : | Solid: White to off-white at ambient temperature. Liquid: amber. |
| Odor | : | Typical of vegetable oil. |
| pH | : | Neutral. |
| Melting Point/Freezing Point | : | 45 - 47.8 °C |
| Flash point | : | >232°C |
| Solubility (ies) | : | < 1mg/L (water), not determined for other solvents. |
| Auto-ignition temperature | : | > 200 °C |

10. STABILITY AND REACTIVITY

Reactivity

This product is not reactive under normal storage and handling conditions (see section 7).

Chemical stability

Considered stable, no known reactivity problems.

Possibility of hazardous reactions

No specific hazardous reactions expected.

Conditions to avoid

The product is combustible when heated over 232°C.

Incompatible materials

May react with strong alkali and oxidants.

Hazardous decomposition products

Thermal decomposition or incomplete combustion may produce carbon monoxide, carbon dioxide and irritating fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No known acute health hazards. Vegetable waxes are generally regarded as non-toxic, relatively harmless and not irritating under normal usage.

Carcinogenicity

Material has not been found to be a carcinogen.

Embryo toxicity

Material has not been found to produce developmental effects.

Reproductive toxicity

Material has not been found to produce reproductive effects.

Inhalation

Not volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapors may irritate the breathing passages and lungs.

Skin contact

Unlikely to cause skin irritation. Long or repeated contact with skin may cause dermatitis in certain sensitive individuals. Hot molten product may cause thermal burns.

Eye contact

Unlikely to cause eye irritation. Hot molten product may cause thermal burns and severe corneal damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No known significant effects or critical hazards. Not considered an environmental hazard. Nonetheless, avoid any pollution of ground, surface or underground water.

Persistence and degradability

These products are biodegradable.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

None known. No ecological problems are to be expected when the product is handled and used as instructed.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

TSCA

All components are listed or exempted.

California Proposition 65

Not listed.

16. OTHER INFORMATION

Revision date : April 21,2022

Disclaimer & Caution

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