PRODUCT SAFETY DATA SHEET

Product Dossier: GREEN TEA FILM WAX

Formula Code Formula Description Language

F00225 GREEN TEA FILM WAX English

1. Substance or Producer Identification

Product Data
Description : GREEN TEA FILM WAX
Description in language : GREEN TEA FILM WAX

2. Hazard Indications

This product is used in the molten state, optimally at 65 - 75°C, at these temperatures this product has a high latent heat and consequently may cause burns to the eyes and skin.
Short Term Exposure: No effects known on humans from discontinous short-term exposure.
Long Term Exposure: Prolonged or repeated skin contact may cause slight irritation or sensitization in sensitive subjects.
Overheating may cause burns.

3. Material Composition/Information

Product Nature
Solid wax blocks or pellets.
Product Description/Typology
Mixture of rosin and rosin esters with natural, synthetic and mineral waxes.
Other Information
Codes INCI-EU Name % w/w
CAS Number COLOPHONIUM <60 %
8050-09-7
EINECS Number
232-475-7
CAS Number GLYCERYL ROSINATE 10-50%
8050 – 31 - 5
EINECS Number
232 – 482 – 5
CAS Number ETHYLENE/VA COPOLYMER 5-10 %
24937-78-8
CAS Number PARAFFIN 5-10%
8002-74-2
EINECS Number
232-315-6
CAS Number HYDROGENATED COCONUT OIL 1-5%
84836-98-6
EINECS Number
284-283-8
CAS Number CI 61565 0.1-1%
12001 – 99 - 9
EINECS Number
215 – 160 - 9
CAS Number CAMELLIA SINENSIS LEAF EXTRACT 0.1-1%
84650-60-2
EINECS Number
283-519-7

4. First Aid Actions

Eyes Contact
Irrigate with water for at least 15 minutes. Remove contact lenses for better cleansing. If necessary consult a doctor.
Skin Contact
Wash off immediately with plenty of soap and water. If necesssary dissolve product with mineral oil. If necessary consult a
doctor.
Ingestion
Rinse out mouth with water. Drink large quantities of water. Call a doctor. Never give anything by mouth to an unconscious
person.
Inhalation
Remove to fresh air. treat any irritation symptomatically. If necessary consult a doctor.

5. Fire Fighting Procedures

Conditions to Avoid: Avoid flammable vapours when removing shrink-wrap film from pallets, since these may ignite due to
static electricity. Avoid overheating, especially by direct contact with naked flames. Avoid static buil-up when emptying packaging.
Danger Signs: Excessive fumes from overheating the wax.
Fire Fighting Measures: Fight the fire using water spray, sand, dry powder, carbon dioxide or foam. Cool containers by spraying with water.
Protective Equipment: Impervious gloves. Use goggles. Good ventlation should be sufficient to control airborne levels.
Combustion Products: Carbon monoxide, carbon dioxide, aldehydes and smoke.

6. Spill/Leak Procedures

Protective Equipment: Impervious gloves. Use goggles. Good ventlation should be sufficient to control airborne levels.
Spillage: This product represents little hazard to humans since this material is regarded as not being acutely toxic. Sweep up the resin for use or place in a container for disposal.

7. Handling and Storing Standard

Handling: Handle in a well ventilated area. The conditions of this product should be examined to try reduce the aerial concentration.
Storage: Product should be stored, in a clean well ventilated area. Keep away from heat, sparks and other sources of ignition. No smoking. The product is prone to slow oxidation and it is recommende that oit be used on a first-in first-out basis.
Packaging Material to Avoid: None. The packaging material should have reasonable moisture and air barrier properties.

8. Exposure Control Procedures/Protective Measures

Respiratory Ways
Good ventilation should be sufficient.
Eyes
Use goggles.
Hands
Impervious gloves.
Skin
Protective work clothing.
Other Information
Engineering Controls: Handle in a well ventilated area. Normal industrial hygiene measures should be sufficient.

9. Chemical & Physical Characteristics

Physical status
Solid mass waxy
Colour
GREEN
Odour

Pine tree resin slight
Analysis Value
Drop point 42°C
Bulk density ASTM D 1298 1.02
Flash point <170°C
Melting range 65 - 75°C
Microbiological Characteristics
Not relevant.
Other Information
Solubility: Negligible in water. Soluble in most aliphatic, aromatic and halogenated hydrocarbons and esters and ketones.

10. Stability and Reactivity Data
Stability: This product is chemically stable.
Reactivity: This product has limited chemical reactivity. No hazardous chemicals are known to be formed during use of this product. This product may react with oxidizing agents. Uncontrolled reaction may lead to a fire/explosion.

11. Toxicological Information
Other Information - Sensitizing Power
Dermal.
Based on our experiences we have concluded that this product may be a low order sensitizer on a small percentage of individuals who have adverse reaction against Rosin (Colophonium) if the skin exposure is sufficiently intimate and the duration of exposure is sufficiently long.
Consumer application that involve intimate contact should be evaluated by appropriate testing.
Eyes.
This product should be regarded as a slight primary irritant.
Oral.
Not determined. Based on similar products, the expected LD50 is > 2000 mg/kg.
Inhalation.
Noxious fumes may be released on overheating this product.
The thermal decomposition of these vapours at about 400 °C may give rise to products which, if not ventilated adequately, could cause astmatic attacks in a small percentage of exposed workers.

12. Information about Ecological Effects
Acute Bacterial Cell Multiplication Inhibition Test:
No toxicity threshold value could be determined due to its water insolubility. When similar resins were made into homogeneous suspensions, their toxicity threshold values were between 2200 and 8000 mg/l for Pseudomonas putida.
Acute Fish Toxicity:
LC50 is > 1000 mg/l. (based on similar product)
Biodegradability:
Based on test on similar products it is expected that this product cannot be regarded as readily biodegradable in the Modified Sturm Test. However, it will be very slowly biodegradable.
WGK Classification:
1 (self-classification)

13. Disposal Advice
Disposal by controlled incineration or by dumping in an approved landfill area according to local regulations.

14. Transportation Data
UN Number None
IMO Classification None
ADR Classification None
IATA Classification None

15. Regulatory Information
Contains
EC labelling The product is classified and labelled according to the Cosmetics Directive 76/768/EEC.
Risk Phrases None

Safety Phrases None
Other Information
The product falls within the scoop of the Cosmetic Directive 76/768/EEC.
Cosmetic products are not subject for labelling and classification of the Dangerous Preparations Directive 88/379/EEC.

16. Other Information

The information is based on our current knowledge to date and is intended to describe the product with regard to safety precaution to be taken. It does not constitute an assurance of properties in the legal sense.
Therefore , We make no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions may not be adequate for all individuals. It is the user's obligation to make certain that this safety data sheet is the most current for the product; to evaluate the information contained in this sheet in connection with the uses to which the product
is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. We assume no responsibility for injury from the use of the product described in a way different from that provided in the label directions.