



Safety Data Sheet

1. IDENTIFICATION

Product Name: Partially Hydrogenated Soybean oil

Other Names: **Pure Soy S100**

Uses: Candle Wax

CAS number: 8016-70-4

Chemical Name Synonyms: Blended hardened soybean oil half-hydrogenated or hydrogenated.

Composition: Partially hydrogenated soybean oil

All ingredients appear on the EPA TSCA Inventory and are biodegradable.

Contact Details of the Supplier of this Safety data Sheet

Organisation	Location	Telephone
All Seasons Wax Company	39 Steane St, Fairfield, Vic, Australia, 3078	+61-9486-3899
Australian Poisons Centre	Australia	131126
National Poisons Centre	New Zealand	0800-7647

2. Hazards identification

Poisons Schedule (Aust) Not scheduled

Hazard Classification: Not hazardous according to the criteria for globally harmonised system of classification and labelling of chemicals (GHS)

Dangerous Goods classification: Not classified as a dangerous good according to Australian ADG code

Potential Acute Health Effects: Unknown

Potential Chronic Health Effects: Unknown

Ingestions: Material is a food grade product

Skin Contact: Unknown

Carcinogenic effects: Not Available.

Repeated or prolonged exposure is not known to aggravate medical condition.

3. Composition/Information on Ingredients

<i>Chemical Entity</i>	<i>CAS NO</i>	<i>Proportion</i>
soybean oil, hydrogenated	8016-70-4	>95%

4. First aid measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with mild soap and water. Get medical attention if irritation develops.

Inhalation: If inhaled, seek fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and seek medical attention.

Swallowed: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

Advise to Doctor: Treat symptomatically.



5. Fire Fighting Measures

General Measures: If safe to do so, move undamaged containers from fire area. Cool containers with flooding quantities of water until well after fire is out.

Flash Point, °C: 250

Extinguishing media: Dry chemical, carbon dioxide, foam, water or fog. Class ABC fire extinguisher.

Special firefighting protective equipment: Firefighters should wear self-contained breathing apparatus in the positive-pressure mode, protective clothing should be worn in fighting fire involving chemicals.

Lower explosive Limit: No data available

Upper Explosive Limit: No data available

Hazchem code: No data available

6. Accidental Release Measures

General Response Procedure: Ventilate enclosed spaces before entering. Eliminate all ignition sources (no smoking, flares, sparks or flames). Do not touch or walk through spilled material.

Steps to be taken in case material is released or spilled: Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash down spill area with hot water containing detergent and flush to a sewer serviced by waste water treatment facility.

Decontamination: No information available.

Environmental precautionary measures: Avoid release to the environment. Prevent entry into darins and waterways.

Waste disposal: Recover material or dispose (incineration is preferred) in accordance with applicable federal, state and local regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with federal, state and local regulations. Empty container may retain vapour or product residue. Observe all labelled safeguards until container is clean, recondition or destroyed.

7. Handling and Storage

Handling: handle in accordance with good industrial hygiene and safety practices.

Precautions: Keep away from heat. Keep away from sources of ignition. Avoid breathing dust and mist.

Keep away from incompatibles such as oxidising agents.

Storage: Keep material cool in a well ventilated area.

8. Exposure Controls/Personal Protection

General: No occupational exposure limits noted for the ingredient(s).

Engineering Controls: Use processes enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below limit.

Personal Protection: As a solid not applicable, food grade product.

When heated, ensure eyes and skin are protected from the hot oil.

Personal Protection in Case of a large spill: splash goggles, Full suit, Dust respirator, Boot and Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient, consult a specialist before handling this product.

Exposure Limit: Not Available.



9. Physical and Chemical Properties

Physical State:	Solid flake.
Colour:	White
Odour:	Faint
Vapour pressure:	<1mm Hg
Smoke Point, °C:	300
Flash Point: °C:	250 [closed cup]
Freezing point, °C:	30
Congeaing Point, °C:	34
Melting Point Range, °C:	33-64
Optimal Pouring Temperature, °C:	60
Optimal Blending Temperature, °C:	60
pH:	No data available
Volatile Percent:	<0.1%
Viscosity:	Solid at room temperature
Solubility:	Soluble in hot organic solvents such as alcohol, benzene, ether, dichloromethane, acetone, mineral or fixed oils. Not soluble in water.

10. Stability and Reactivity Data

Stability:	Stable
Incompatibility:	Strong oxidising agents and strong alkali or caustic materials.
Conditions to avoid:	High temperatures near flash point.
Hazardous decomposition:	None
Hazardous polymerisation:	Not likely to occur

11. Toxicological Information

Routes of Entry:	Inhalation
Toxicity to Animals:	Not Available
Chronic Effects on Humans:	Not Available
Carcinogen category:	None
Other Toxic Effects on Humans:	No data available
Special Remarks on chronic effects on animals:	No data available
Special Remarks on chronic effects on humans:	No data available
Special remarks on other Toxic Effects on humans:	May cause skin, eye, respiratory tract and gastrointestinal tract irritation.
The toxicological properties of this substance have not been fully investigated.	

12. Ecological Information

Eco toxicity:	None toxic.
BOD5 and COD:	Not available.
Products of Biodegradation:	product is ultimately biodegraded to carbon dioxide.
Toxicity of the products of biodegradation:	the products itself and its products of degradation are not toxic.
Special remarks on the products of biodegradation:	product is ultimately biodegraded to carbon dioxide.



Environmental Impact: No data available

13. Waste Disposal

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

Land Transport (Australia)

ADG Code

Proper shipping name: Soybean oil, hydrogenated
Class: No data available
Subsidiary Risk(s): No data available
UN Number: No data available
Hazchem Code: None hazardous
Pack Group: No data available
Special Provisions for Transport: No data available

Land Transport (New Zealand)

NZ5433 Code

Proper shipping name: Soybean oil, hydrogenated
Class: No data available
Subsidiary Risk(s): No data available
UN Number: No data available
Hazchem Code: None hazardous
Pack Group: No data available
Special Provisions for Transport: No data available

Sea Transport

IMDG Code

Proper shipping name: Soybean oil, hydrogenated
Class: No data available
Subsidiary Risk(s): No data available
UN Number: No data available
Hazchem Code: None hazardous
Pack Group: No data available
Special Provisions for Transport: No data available
EMS: No data available
Marine Pollutant: No

Air Transport

IATA Code

Proper shipping name: Soybean oil, hydrogenated
Class: No data available
Subsidiary Risk(s): No data available
UN Number: No data available



Hazchem Code: None hazardous
Pack Group: No data available
Special Provisions for Transport: No data available

15. Regulatory Information

General Information: No data Available
Poisons Schedule (Aust): Not scheduled
Other regulations: EINECS: This product is on the European Inventory of existing commercial chemical substances.

Environmental Protection Authority (New Zealand)

Hazardous substances and New Organisms Amendment Action 2015

Approval Code Not hazardous

National/Regional Inventories

Australia (AICS)	Listed
Canada (DSL)	Listed
China (IECSC)	Listed
Europe (EINECS)	232-410-2
Japan (ENCS/METI)	Listed
Korea (KECI)	Listed
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
Taiwan (NCSR)	Listed
USA (TSCA)	Listed