

## Safety Data Sheet

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

<b>COMMON NAME</b>	Soy Isoflavones
<b>CAS-No.</b>	[574- 12-9]
<b>MOLECULAR WEIGHT</b>	222.24
<b>CHEMICAL FORMULA</b>	C <sub>15</sub> H <sub>10</sub> O <sub>2</sub>
<b>COMPANY</b>	<b>Ingredients4u Pte. Ltd.</b>
<b>ADDRESS</b>	50 Macpherson Road #07-01 Amazana Building Singapore 348471
<b>EMERGENCY CONTACT</b>	+86 (0)21 31358882

### SECTION 2. HAZARDS IDENTIFICATION

**Classification of the product - ( DOT Hazard Class: Not regulated )**

GHS-US classification	n/a
HMIS classification	Irritant, sensitizer, moderate flammability
Hazard pictograms (GHS-US)	n/a

Hazard pictograms (HMIS / NFPA)



Hazard statement (HMIS)	HEALTH = 2 / FLAMMABILITY= 1 / P.
PROTECTION = E	
Other hazards	No data available
Unknown acute toxicity (GHS-US)	No data available

### SECTION 3. FIRST AID MEASURES

<b>Eye Contact</b>	No known effect on eye contact, rinse with water for a few minutes.
<b>Skin Contact</b>	No known effect on skin contact, rinse with water for a few minutes.
<b>Serious Skin Contact</b>	Not available.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area.

<b>Serious Inhalation</b>	Seek immediate medical attention.
<b>Ingestion</b>	Not available.
<b>Serious Ingestion</b>	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
	Not available.

### SECTION 4. FIRE FIGHTING MEASURES

<b>Flammability of the Product</b>	May be combustible at high temperature.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flash Points</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).
<b>Fire Hazards in Presence of Various Substances</b>	Not available.
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Fire Fighting Media and Instructions</b>	
	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Special Remarks on Fire Hazards</b>	Material in powder form, capable of creating a dust explosion.
<b>Special Remarks on Explosion Hazards</b>	Not available.

### SECTION 5. ACCIDENTAL RELEASE MEASURES

<b>Small Spill</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
<b>Large Spill</b>	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## SECTION 6. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	<p>Ensure adequate ventilation. Wear appropriate protective equipment (PPE) as indicated on section 8. Remove all sources of ignition.</p> <p>Handle in accordance with good industrial hygiene and safety procedures.</p>
Hygiene measures	Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.
<b>Conditions of safe storage, including any incompatibilities</b>	
Storage conditions	Keep container tightly closed. Store in a cool, dry and well ventilated area.
Incompatible products	Not determined
Incompatible materials	Not determined
Special rules on packaging	Not determined

## SECTION 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure controls</b>	
Appropriate engineering controls	Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment



Hand protection	Prevent prolonged skin contact by using protective gloves
Eye protection	Prevent eye contact by using protective goggles
Skin and body protection	Prevent skin contact by using protective clothing
Respiratory protection	Respiratory protection is recommended to avoid inhalation

## SECTION 8. PHYSICAL/CHEMICAL PROPERTIES

<b>Physical state and appearance</b>	Powder
<b>Odor</b>	Odorless
<b>Taste</b>	Not available.
<b>Molecular Weight</b>	222.24 g/mole
<b>Color</b>	Shallow yellow.
<b>PH (1% soln/water)</b>	Not applicable.
<b>Boiling Point</b>	Not available.
<b>Melting Point</b>	148.0°C
<b>Critical Temperature</b>	Not available.
<b>Specific Gravity</b>	Not available.
<b>Vapor Pressure</b>	Not applicable.
<b>Vapor Density</b>	Not available.
<b>Volatility</b>	Not available.
<b>Odor Threshold</b>	Not available.
<b>Water/Oil Dist. Coeff.</b>	Not available.
<b>Ionicity (in Water)</b>	Not available.
<b>Dispersion Properties</b>	Not available.
<b>Solubility</b>	Insoluble in water.

## SECTION 9. STABILITY AND REACTIVITY

<b>Stability</b>	The product is stable.
<b>Instability Temperature</b>	Not available.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with various substances</b>	Not available.
<b>Corrosivity</b>	Non-corrosive in presence of glass.
<b>Special Remarks on Reactivity</b>	Not available.
<b>Special Remarks on Corrosivity</b>	Not available.
<b>Polymerization</b>	No.

## SECTION 10. TOXICOLOGICAL INFORMATION

<b>Routes of Entry</b>	Not available.
<b>Toxicity to Animals</b>	LD50: Not available. LC50: Not available.
<b>Chronic Effects on Humans</b>	Not available.
<b>Other Toxic Effects on Humans</b>	No specific information is available in our database regarding the other toxic effects of this material for humans.
<b>Special Remarks on Toxicity to Animals</b>	Not available.
<b>Special Remarks on Chronic Effects on Humans</b>	Not available.
<b>Special Remarks on other Toxic Effects on Humans</b>	Not available.

## SECTION 11. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available.
<b>BOD5 and COD</b>	Not available.
<b>Products of Biodegradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the Products of Biodegradation</b>	The products of degradation are more toxic.
<b>Special Remarks on the Products of Biodegradation</b>	Not available.

## SECTION 12. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	Dispose in accordance with local, state and federal regulations.
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## SECTION 13. TRANSPORT INFORMATION

In accordance with ICA/IATA/DOT/TDG/IMO

<b>UN number and name</b>	Not classified as hazardous for transport.
UN-No. (DOT)	Not a DOT controlled material (United States).
	<b>DOT (US)</b> Not dangerous goods
UN proper shipping name	<b>IATA</b> Not dangerous goods
	<b>IMDG</b> Not dangerous goods

### Transport Hazard classes BY ROAD

DOT Hazard classes	n/a
DOT Hazard labels	n/a
DOT packing group	n/a
DOT special provisions (49 CFR 172.102)	n/a
DOT packaging exceptions (49 CFR 173.xxx)	n/a
DOT packaging non bulk (49 CFR 173.xxx)	n/a
DOT packaging bulk (49 CFR 173.xxx)	n/a

### Transport Hazard classes BY AIR

DOT/IATA Hazard classes	n/a
DOT/IATA Hazard labels	n/a
DOT/IATA packing group	n/a
DOT/IATA special provisions (49 CFR 172.102)	n/a

DOT/IATA packaging exceptions (49 CFR 173.xxx) n/a

DOT/IATA packaging non bulk (49 CFR 173.xxx) n/a

DOT/IATA packaging bulk (49 CFR 173.xxx) n/a

DOT/IATA quantity limitations passenger aircraft/rail (49 CFR 173.27) n/a

DOT/IATA quantity limitations cargo aircraft/rail (49 CFR 175.75) n/a

**Transport Hazard classes BY RAIL**

DO Hazard classes n/a

DOT/ Hazard labels n/a

DOT packing group n/a

DOT/IATA special provisions (49 CFR 172.102) n/a

DOT packaging exceptions (49 CFR 173.xxx) n/a

DOT packaging non bulk (49 CFR 173.xxx) n/a

DOT packaging bulk (49 CFR 173.xxx) n/a

**Transport Hazard classes BY SEA**

DOT/IMO Hazard classes n/a

DOT/IMO Hazard labels n/a

DOT/IMO packing group n/a

DOT/IMO special provisions (49 CFR 172.102) n/a

DOT/IMO packaging exceptions (49 CFR 173.xxx) n/a

DOT/IMO packaging non bulk (49 CFR 173.xxx) n/a

DOT/IMO packaging bulk (49 CFR 173.xxx) n/a

Environmental hazard                      ADR/RID: no                      IMDG Marine pollutant: no                      IATA: no

**Additional information**

**Special precautions**

no data available

**SECTION 14. REGULATORY INFORMATION**

**Federal and State Regulations**

TSCA 8(b) inventory: Policosanol; Octacosanol

**Other Regulations**

Not available..

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**Other Classifications**

<b>WHMIS (Canada)</b>	Not controlled under WHMIS (Canada).
<b>DSCL (EEC)</b>	This product is not classified according to the
EU regulations.	
<b>HMIS (U.S.A.)</b>	
<b>Health Hazard</b>	0
<b>Fire Hazard</b>	1
<b>Reactivity</b>	0
<b>Personal Protection</b>	n/a
<b>National Fire Protection Association (U.S.A.)</b>	
<b>Health</b>	0
<b>Flammability</b>	1
<b>Reactivity</b>	0
<b>Specific hazard</b>	
<b>Protective Equipment</b>	Not applicable. Lab coat. Not applicable. Safety glasses.

**SECTION 15. OTHER INFORMATION**

VERSION NUMBER: 2.0

LAST UPDATED: 2019-05-05

**WARRANTY:**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.