

Material Safety Data Sheet

SOYBEAN OIL CAKE

Section 1 - Product Identification

Product Name : Soybean Oil Cake
CAS No. : 68308-36-1
Synonym : No data available
Company Identification : Tradeasia International Pte. Limited
Address :
133 Cecil Street # 12-03 Keck Seng Tower, Singapore
Tel: +65-6227 6365
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Section 2 – Composition/Information on Ingredients

Substances

Name of substance	Soybean Oil Cake
Identifiers	
CAS No	68308-36-1
Molecular formula	No data available
Molar Mass	No data available

Section 3 – Hazardous Ingredients & Occupational Exposure Limits

Classification of the substances or mixture

Not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200)

Label Elements

GHS Label elements, including precautionary statements

Hazard Pictogram(s): None

Signal Word: Warning

Hazard Statements:

Class 2B eye irritant. May cause breathing difficulties if inhaled. May create a flash fire or explosion hazard if dust of certain particle size is suspended in air at sufficient concentration in a confined space and exposed to an ignition source.

Precautionary Statements

General: Dust may burn if suspended in air and may create a flash fire/explosion hazard. Avoid ignition sources.

Prevention: Avoid breathing dust. Excessive inhalation may affect nose, throat, and lungs.

Response: May be mechanical eye irritant. Rinse eyes with water for several minutes.

Storage: Not Applicable.

Disposal: Not Applicable.

Supplemental Hazard Statements none

Hazards Not Otherwise Classified: None known

Section 4 – First-Aid Measures

General: Always seek medical attention after first aid measures are provided.

Inhalation: Move the exposed person to fresh air at once. Seek medical attention if breathing difficulty or discomfort occurs/persists.

Eye contact: Flush with water for at least 15 minutes. Obtain medical attention if irritation occurs/persists.

Skin Contact: Wash skin with soap and plenty of water. Obtain medical attention if irritation occurs/persists.

Ingestion: Give several glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical guidance..

Notes to physician: Symptomatic and supportive treatment is recommended.

Section 5 – Employee Protection

Suitable extinguishing media: Water fog, dry chemical powders or foam.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture: Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard. During fire, gases hazardous to health may be formed.

Advice for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Use only non-sparking tools. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Environmental Precautions: Avoid discharge into drains, water courses or onto the ground.

Methods and Materials for Containment and Cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.

Never return spills to original containers for re-use.

Section 7 – Handling and Storage

Precautions for safe handling: Prevent formation of dust where possible. Avoid dispensing dust in air and exposure to potential ignition sources. Remove feed dust from area/processing equipment prior to using any heat producing equipment such as arc welders, cutting torches and spark/heat producing tools such as portable surface grinders.

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks and open flame. Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials.

Section 8 – Exposure Controls/Personal Protection

Exposure Limits/Guidelines: No data available

Engineering controls: Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to

maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Eye and Face protection: Wear safety glasses with side shields (or goggles).

Skin and Body protection: Wear appropriate chemical resistant gloves. Wear suitable protective clothing.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Additional Information: No data available

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Yellow Granuals

Physical state Solid.

Form Solid.

Color Not available.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Other data

No data available

Section 10 – Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reaction: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Keep away from heat, sparks and open flame. Contact with incompatible materials. Minimize dust generation and accumulation.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: No hazardous decomposition products are known.

Hazardous Polymerization: Hazardous polymerization does not occur.

Section 11 – Toxicological Information

Acute toxicity: No data available.

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/irritation: Direct contact with eyes may cause temporary irritation.

Respiratory sensitization: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity following single exposure: No data available

Specific target organ toxicity following repeated exposure: No data available

Aspiration hazard: No data available

Information on likely routes of exposure

Ingestion: Expected to be a low ingestion hazard.

Inhalation: No adverse effects due to inhalation are expected.

Skin contact: No adverse effects due to inhalation are expected.

Eye contact: Direct contact with eyes may cause temporary irritation.

Interaction with Other Chemicals Which Enhance Toxicity: None known.

Additional Information: No data available.

Section 12 – Ecological Information

Toxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: No data available.

Other adverse effects: No data available

Section 13 – Disposal Considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with government regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 – Transport Information

In accordance with DOT/IMDG/IATA/ADR

Not regulated as dangerous goods

Additional Information:

No data available

Section 15 – Regulatory Information

1. US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are listed on or exempted from the U.S. EPA TSCA Inventory List.

2. International regulations

No data available

3. National regulations

No data available

4. US State regulations

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State or local regulations	No data available
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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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