



## Safety Data Sheet (SDS) : Soybean Meal

<b>1. PRODUCT &amp; COMPANY IDENTIFICATION</b>	
<b>Product Name</b>	Soybean Meal
<b>Other means of identification</b>	Meal from the pressing of soybeans
<b>CAS</b>	68308-36-1
<b>EC</b>	269-648-1
<b>Product Use</b>	Animal Feed or Animal Feed Manufacturing
<b>Product Form</b>	Granulated flour
<b>Company Name</b>	TCHAOU GROUP SERVICES E PRODUCTS SARL
<b>Address</b>	Abomey-calavi, zetacomey, Atlantique, Bénin
<b>Emergency contact</b>	+22961162806
<b>Web</b>	<a href="https://tchaou-group.com">https://tchaou-group.com</a>
<b>2. COMPOSITION/INGREDIENT INFORMATION</b>	
<b>Ingredients</b>	
Soybean Meal	100 %
<b>Hazardous Components</b>	None
<b>CAS #</b>	68308-36-1
<b>3. HAZARDS IDENTIFICATION</b>	
<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Combustible dust.
<b>Hazard symbol</b>	None.
<b>Signal word</b>	Warning
<b>Hazard statement</b>	May form combustible dust concentrations in air.
<b>Precautionary Statements</b>	Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep container tightly closed. Prevent dust accumulation to minimize explosion



	hazard. Observe good industrial hygiene practices.
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<b>4. FIRST AID MEASURES</b>	
<b>Eyes</b>	Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
<b>Skin</b>	Rinse skin with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Dusts may irritate the respiratory tract, skin and eyes.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.

<b>5. FIRE-FIGHTING MEASURES</b>	
<b>Suitable (and unsuitable) extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Apply extinguishing media carefully to avoid creating airborne dust.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Special protective equipment &amp; precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Specific hazards arising from the chemical</b>	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.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal precautions, protective</b>	Keep unnecessary personnel away. Keep people



<b>equipment &amp; emergency procedures</b>	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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Methods and material for containment and cleaning up</b>	<p>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.</p> <p>Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.</p> <p>Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.</p>

## 7. HANDLING & STORAGE

<b>Precautions for safe handling</b>	<p>Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Explosion-proof general and local exhaust ventilation. Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.</p> <p>Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.</p>
<b>Conditions for safe storage, incl. any incompatibilities</b>	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



<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Eye</b>	Wear safety glasses with side shields (or goggles).
<b>Skin/Body</b>	Wear appropriate chemical resistant gloves.
<b>Respiratory</b>	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.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Work/Hygiene Practice</b>	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance/Physical State</b>	solid
<b>Colour</b>	Brown
<b>Odour</b>	Pleasant roasted with perhaps a sweet odor
<b>Relative Density</b>	Not available
<b>Flash Point (°C)</b>	Not available
<b>Refractive Index</b>	Not available
<b>Melting Point (°C)</b>	Not available
<b>Boiling Point (°C)</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Flammability</b>	Not available
<b>Solubility in Water @ 20°C</b>	Not available

<b>10. STABILITY AND REACTIVITY</b>	
<b>Stability</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Incompatibility (Materials to Avoid)</b>	Strong oxidizing agents.



<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.
<b>Conditions to Avoid</b>	Keep away from heat, sparks and open flame. Contact with incompatible materials. Minimize dust generation and accumulation.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	None identified
<b>Skin irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye damage or irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitivity</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>STOT – single exposure</b>	None identified
<b>STOT – repeated exposure</b>	None identified
<b>Aspiration hazard</b>	None identified

### 12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	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.
<b>Persistence &amp; degradability</b>	No data is available on the degradability of this product.
<b>Bio- accumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Results of PBT &amp; VPVB assessment</b>	No data available.
<b>Endocrine disrupting propertis</b>	No data available.
<b>Other adverse effects</b>	None identified



<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste Disposal Methods</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with government regulations.

<b>14. TRANSPORT INFORMATION</b>	
<b>DOT (Dept. of Transportation, USA)</b>	Not dangerous goods
<b>TDG (Transportation of Dangerous Goods, Canada)</b>	Not dangerous goods
<b>IMDG (International Maritime Dangerous Goods)</b>	Not dangerous goods
<b>IATA (International Air Transport Associations):</b>	Not dangerous goods
<b>ICAO (International Civil Aviation Organization)</b>	Not dangerous goods

<b>15. ADDITIONAL INFORMATION</b>	
<b>Establishment date</b>	September 21, 2023
<b>Version</b>	N°1

### **Compliance & Disclaimer**

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