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## **Organic Non GMO Soybean Meals (Feed Grade)** **Specification Data Sheet**

### **PHYSICAL SPECIFICATIONS-**

COLOUR	: Light Yellow to Golden Yellow
TASTE	: Bland and free of beany and burned taste
ODOUR	: Fresh, Typical of the product
TEXTURE	: Homogenous, free from extraneous matter, artificial, Coloring and flavoring hazards.
BULK DENSITY	: 0.65 - 0.85 gm/cc
SCREEN ANALYSIS	: Min 90 % is 6 mm & above size

### **TYPICAL ANALYSIS-**

Protein	: min 46%
Fat	: min 8%
Moisture	: max 10%
Acid Insoluble Ash	: max 1%
Gmo	: Less Than .01

Soy Bean Meal SIZE : as per buyer requirement.

### **MICROBIOLOGICAL ANALYSIS-**

Total Plate Count	: NMT 50,000/gram
Coli form	: NMT 25/gram
Yeast and Molds	: NMT 100/gram
Salmonella	: Negative in 100-gram sample
E.Coli	: Negative in 100-gram sample

### **SAFETY-**

HEAVY METALS	: (Max) 20 ppm
ALFOTOXIN	: (Max) 10 Micro mg / kg

### **USES-**

Organic Non- Gmo Soyabeans Meal is used in production of products such as Cattle feed, Poultry Feed, Swine feed, Applications and Textures Soya Protein concentrates. Easiest way to use Soyabean in Human consumption is in the form of full fat Soya flour in combination with cereals and pulses to make low cost Gruels. Full Fat Soya Flour is also used as ruminant feed for Cattle Feed, used as non-ruminant feed for Pigs, in manufacture of weaning food and pet animals food. We believe the above information to be correct but we do not present it as all inclusive and as such should be used as a guide. Agrawal oil & Biocheam shall not be held responsible for any damage or injury resulting from contact with the above.

For Agrawal oil & Biocheam

Q.A Manager

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## **Organic Non GMO Soybean Meals-Feed Grade** **Material Safety Data Sheet**

### **1. Product and Company Identification**

Trade name : Organic Non-Gmo Soyabean Meal (Feed Grade)  
Supplier name and address:  
Agrawal Oil & Biocheam  
1307, Sudama Nagar Sector D  
Indore - 452009 (M.P), India  
Tel/Fax: +91 731 248 01 23  
E-mail: [info@organicsoyindia.com](mailto:info@organicsoyindia.com)

### **2. Composition and Information on Ingredients**

Soybean Flour % by weight : 100 %

### **3. Hazardous Ingredients/Identity Information**

This Product is Non Hazardous.

Hazardous Components

Pigments - N/A

Catalyst - N/A

Vehicle - N/A

Solvents - None

Additives - None

Base Metal - N/A

Alloys - N/A

Metallic Coatings - N/A

Filler Metal Plus Coating or Core Flux - N/A

### **4. First Aid Measure**

Eye Contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention if irritation occurs.  
Skin Contact : Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.  
Inhalation : If inhaled, remove to fresh air.  
Serious Inhalation : Not available.  
Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel.  
Serious Ingestion : Not available.

### **5. Fire and Explosion Hazard Data**

Flash point : N/A

Flammable limits : N/A

Extinguishing media : Dry chemical, Foam, Carbon dioxide, Sand

Special fire fighting procedures: None

### **6. Accidental Release Measure**

#### **Small Spill:**

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.

#### **Large Spill:**

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.

### **7. Precautions for Safe Handling and Storage**

#### **Steps to be taken in case material is released or spilled.**

Waste disposal method : Material is bio-degradable, may be disposed of in approved sanitary landfill or as approved for other food materials.

Precautions to be taken in handling and storing: No Specific precautions

Other precautions : If overheated, remove source of heat.



Storage : Keep container tightly closed. Keep container in a cool, well- ventilated area

#### 8. Exposure Control Measures / Personal Protection

Respiratory protection (specify type): N/A  
Local Exhaust : Not required  
Mechanical (general) : None  
Protective Gloves : Not required  
Eye protection : Not required  
Other protective clothing or equipment: Not required

#### 9. Physical/Chemical Characteristics

COLOUR : Light Yellow to Golden Yellow  
TASTE : Bland and free of beany and burned taste  
ODOUR : Fresh, Typical of the product  
TEXTURE : Homogenous, free from extraneous matter, artificial

Coloring and flavorings hazards

BULK DENSITY : 0.65 - 0.85 gm/cc  
SCREEN ANALYSIS : Min 90 % is 4 mm & above size

#### 10. Stability and Reactivity Data

Stability : Stable  
Conditions to avoid : Direct Heating  
Hazardous decomposition or byproducts : None  
Hazardous polymerization : Will not occur

#### 11. Toxicological Information

Routes of Entry : Inhalation, Ingestion.  
Toxicity to Animals : LD50: Not available.  
LC50 : Not available.  
Chronic Effects on Humans : Not available.  
Other Toxic Effects on Humans : Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.  
Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Potential Health Effects: No acute exposure studies were found for soya lecithin in humans. The dust is predicted to be irritating to the eyes, skin, and respiratory tract from Mechanical action. Inhalation of lecithin aerosols may cause pulmonary edema. It may cause occupational asthma from pulmonary sensitization. Acute ingestion may affect the liver (fatty liver degeneration).

#### 12. Ecological Information

Ecotoxicity : Not available.  
BOD and COD : Not available.  
Products of Biodegradation : Hazardous short term degradation products are not likely.  
Toxicity of the Products of Biodegradation: Not available.  
Special Remarks on the Products of Biodegradation: Not available.

#### 13. Disposal Considerations

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

#### 14. Transport Information

DOT Classification : Not a DOT controlled material.  
Identification : Not applicable.  
Special Provisions for Transport: Not applicable.



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#### 15. REGULATORY INFORMATION

HAZARDS : --  
SYMBOLS : --  
R. PHRASES : --  
S. PHRASES : --

#### 16. Other Information

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For, Agrawal oil & Biocheam

(Q.A Manager)