

# Green Solutions

## Material Safety Data Sheet

### Section 1. IDENTIFICATION

Trade Name : Crushed Tea Seed Meal, Tea Seed Pellet  
Contact : Hunan Green Solutions Co., Ltd.  
Website : www.hgreens.com  
Add : No. 104 of Jiejialing Rd., Huangxing Town, Changsha, Hunan, P.R.China  
Tel : +86-731-85420980  
Email : info@hgreens.com

### Section 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Crushed Tea Seed Meal is 100% plant residue. Raw material is residue from tea seed after oil extraction. Residue is dried, grind and formed into pellets.

Tea Seed Pellet contains:

<u>Components</u>	<u>Percentage</u>	<u>CAS No.</u>
Tea Saponin	12-22%	8047-15-1
Total Organic Matter	70-80%	-
Moisture Content	9%	-

### Section 3. HAZARDS IDENTIFICATION

Potential Acute Health Effects: None

Potential Chronic Health Effects:

Carcinogenic effects: None.

Teratogenic effects: None

Mutagenic effects: None

developmental toxicity: None



### Section 4. FIRST AID MEASURE

# Green Solutions

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

**Skin Contact:** No known effect on skin contact, rinse with water for a few minutes.

**Inhalation:** Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

**Ingestion:** 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.

## Section 5. FIRE FIGHTING MEASURES

**Flammability:** It burns as natural wood product.

**Flash Point:** Not self-inflammable

**Explosion Ability:** Not possible to cause explosion

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not available.

**Fire Fighting Media and Instructions:** Use water spray, fog or foam.

**Special Remarks on Fire Hazards:** Material is a 100% plant residue and burns like ordinary plant material

**Special Remarks on Explosion Hazards:** Not available.

## Section 6. ACCIDENTAL RELEASE MEASURE

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.



## Section 7. HANDLING AND STORAGE

### Precautions:

Keep away from heat. Keep away from sources of ignition. Avoid contact with eyes.

### Storage:

# Green Solutions

Keep container dry. Keep in a cool, well-ventilated place.

## Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Gloves.

Exposure Limits: Not available.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid (Pellet)

Odor: Characteristic odor.

Color: Gray & brown

Purity: 100% tea seed residue with 12-22% saponin

Solubility: 12-22% soluble in water

pH: 5.5 – 6.5

Boiling Point: Not available.

Melting Point: Not available

Vapor Pressure: Not applicable.

## Section 10. STABILITY AND REACTIVITY

The product has low moisture content (< 10%), in pellet form with characteristic odor. During transportation and storage, it needs to put in closed package, not allowing water vapor leak into the product causing aggregation and leaking characteristic odor which reduces the product quality.



## Section 11. TOXICOLOGICAL INFORMATION

Toxicity : No

Carcinogenicity : No

Teratogenicity : No

Mutagenicity : No

Effect on Reproduction: No

# Green Solutions

## Section 12. ECOLOGICAL INFORMATION

Eco-toxicity: Not toxic to bees, birds and wild animals

Effect on natural enemies: None

Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

## Section 13. DISPOSAL CONSIDERATION

Waste from Residues: Product is a natural plant residue. Dispose off in accordance with national and local, regulations.

## Section 14. TRANSPORT INFORMATION

Not Classified

## Section 15. NATIONAL REGULATIONS AND REFERENCES

Not available.

## Section 16. OTHER INFORMATION

The information contained in this Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is not intended as a guide for the safe use, handling, disposal, storage and transportation and is not a warranty or as a specification. This information relates only to the product specified and may not be suitable for combinations with other materials or in the process other than those specifically described herein.

