



## **Material Safety Data Sheet**

Issue 01 – Aug 2012  
Sheet 1 of 4

### **1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product and Brand Name: **Solar Green Power**  
Supplier: **Buddhas Tree Ltd**  
Address: **Unit 15 Chancerygate Bus.Ctr. Soapstone Way, Irlam, Manchester,  
United Kingdom , M44 6RA**  
Tel: **+44 (0)161 962 2077**

---

### **2. COMPOSITION – INFORMATION ON INGREDIENTS**

This product is a mixture as defined by 1272 / 2008 / EC

Ingredients:	CAS No.	EEC No.	Classification	R-phrases	% in product
<b>Silica dioxide, amorphous (OEL applies)</b>	<b>7631-86-9</b>	<b>231-545-4</b>	-	-	<b>&lt;10%</b>

---

### **3. HAZARD IDENTIFICATION**

Classification: **Not classified as dangerous for health or as dangerous to the environment.**  
Health effects: **Mildly irritating to eyes and skin**  
Environmental effects: **See Section 12**  
Other Effects: **None Known**

---

### **4. FIRST AID MEASURES**

Inhalation: **Move to fresh air. If symptoms persist, get medical attention.**  
Skin Contact: **Wash off with soap and plenty of water. Seek medical advice if irritation develops. Remove and wash contaminated clothing before re-use.**  
Eye Contact: **Immediately wash eye thoroughly with plenty of water whilst separating the eyelids. Seek medical attention if symptoms persist.**  
Ingestion: **Rinse mouth. Drink plenty of water. Seek medical attention. Do not induce vomiting.**  
Notes to Medical Staff: **Treat Symptomatically**

---



## **Material Safety Data Sheet**

Issue 01 – Aug 2012  
Sheet 2 of 4

### **5. FIRE FIGHTING MEASURES**

General Fire Hazards: **Not a fire hazard.**  
Extinguishing media: **Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**  
Unsuitable extinguishing media: **None known**  
Special protective equipment: **No special recommendations**  
Special exposure hazards: **None known**

---

### **6. ACCIDENTAL RELEASE MEASURES**

Environmental procedures: **Dam up. Soak up with inert absorbent material. If liquid is spilt in large quantities clean up promptly with scoop or vacuum. Collect as much as possible in a clean container for (preferable) reuse or disposal**  
Personal precautions: **See Section 8**

---

### **7. HANDLING AND STORAGE**

Handling: **As with all chemicals, good industrial hygiene practices should be followed when handling the material.**  
Storage: **Keep at temperatures between 3-15°C. Store in closed dark containers made of anti-corrosive material. Does not stand freezing.**  
Materials to avoid: **Aluminium, copper or mild steel.**

---

### **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Respiratory protection: **Not applicable under normal conditions of use. However, good ventilation should be provided in working areas. If dust is generated use a respiratory protective device with particle filter EN143-P2**  
Hand protection: **Rubber / PVC Gloves**  
Skin protection: **Full working clothes recommended. Wash any contaminated clothing.**  
Eye protection: **Wear as appropriate: goggles or face shield.**  
Exposure Limit: **Silica-Amorphous(ACGIH,TWA,10ppm inhalable,3ppm respirable) (MAK TWA:4ppm inhalable),(HTP,TWA:5ppm)**

---



## **Material Safety Data Sheet**

Issue 01 – Aug 2012  
Sheet 3 of 4

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	<b>Liquid</b>
Colour:	<b>Milky White</b>
Odour:	<b>Odourless</b>
pH:	<b>9-10</b>
Specific Gravity:	<b>1.05</b>
Melting/Boiling point:	<b>0°C / 100°C</b>
Viscosity:	<b>&lt; 20 mPa.s</b>
Solubility:	<b>Disperses (water)</b>
Vapour pressure:	<b>As Water</b>
Partition coefficient (Log Pow):	<b>Not applicable</b>
Flash Point:	<b>Not applicable</b>
Autoignition temperature:	<b>Not applicable</b>
Explosion limits upper/lower:	<b>Not applicable</b>

---

### **10. STABILITY AND REACTIVITY**

Hazardous decomposition:	<b>None Known</b>
Conditions to avoid:	<b>Do not allow to freeze. Avoid drying out of the solution as this can lead to a build-up of dust.</b>
Materials to avoid:	<b>Contact with acids causes product to gel</b>
Hazardous reactions:	<b>None known</b>

---

### **11. TOXOLOGICAL INFORMATION**

Acute Toxicity:	<b>LD50 (oral, rat) &gt; 2000mg / kg</b>
<b>Health Effects</b>	
Inhalation:	<b>Inhalation of aerosols/mist may cause irritation to the respiratory passages due to the pH.</b>
Ingestion:	<b>May cause irritation of the mucous membranes.</b>
Skin / Eye Contact:	<b>Mildly irritating</b>
Sensitisation Data:	<b>Not expected to be sensitising</b>
Carcinogenicity/Mutagenicity:	<b>Not considered to be a carcinogen or a mutagen</b>
Reproductive effects:	<b>No data available for this product</b>
Subacute, chronic effects:	<b>Product contains amorphous Silicon dioxide. No cases of Silicosis have been reported from amorphous silica.</b>



## **Material Safety Data Sheet**

Issue 01 – Aug 2012  
Sheet 3 of 4

### **12. ECOLOGICAL INFORMATION**

Aquatic toxicity:                   **Fish:                    LC50 / 96hr / Brachydanio rerio = 5000 mg/l**  
  **Bacteria:            EC50 / Activated Sludge > 10`000 mg/l**

Biodegradability:                   **Not applicable**

Bioaccumulative potential:       **Not expected to bioaccumulate**

Mobility:                               **No test results. Transport to air is not expected. Under certain circumstances, transport from earth to water may take place.**

---

### **13. DISPOSAL CONSIDERATION**

Product Disposal:                   **In accordance with local and national regulations. Where possible Recycling is preferred to disposal or incineration.**

Packaging Disposal:               **Packaging that has not been contaminated and has been cleaned out Can be recycled. If recycling is not practicable, dispose of in compliance With local regulations.**

---

### **14. TRANSPORT INFORMATION**

Transport Summary:               **Material is not classified as hazardous or dangerous for transport according to current international regulations.**

---

### **15. REGULATORY INFORMATION**

EU regulations:                   **This product does not need to be labelled in accordance with EC directives or respective national laws.**

Product Cas No:               **Directive 96 / 82 / EC (Seveso II Directive): Is not subject to Directive Preparation**

---

