

## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

Product Name: ECO BRIGHT DG-2

Company Identification: ECO ORGANICS INDIA  
H.NO:5-5-35/69A, PLOT NO: 69, SECOUND FLOOR, PRASHANTHI  
NAGAR, KUKATPALLY, HYDERABAD-500072

Product code: DG2 UC

Application: All Purpose cleaner degreaser for Multi surface.

Emergency Telephone: 040- 48519350

### SECTION 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

#### Classification

#### Physical hazards

Not Classified

#### Health hazards

Skin Corr. 1B - H314 Eye Dam. 1 - H318

#### Environmental hazards

Not Classified

#### Classification (67/548/EEC or 1999/45/EC)

Xi;R36/38.

#### Label elements

#### Pictogram



**Signal word** Warning

**Hazard statements** H314 Causes severe skin burns and eye damage.

### Precautionarystatements

P102 Keep out of reach of children.  
 P260 Do not breathe spray.  
 P264 Wash thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P315 Get immediate medical advice/attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.  
 P501 Dispose of contents/container in accordance with local regulations.

**Contains : Sodium Metasilicate.**

### SECTION 3. COMPOSITION AND INGREDIENTS

#### Mixtures

<p><b>SODIUMALKYL BENZENE SULPHONATE</b> <span style="float: right;"><b>5-10%</b></span></p> <p>CASnumber: 68411-30-3 ECnumber: 270-115-0</p> <p><b>Classification</b></p> <p>Acute Tox. 4 - H302            Skin Irrit. 2 - H315            Eye Dam. 1 - H318</p>	<p><b>Classification(67/548/EECor 1999/45/EC)</b></p> <p>Xn;R22. Xi;R36/38.</p>
<p><b>SODIUMMETASILICATE</b> <span style="float: right;"><b>5-10%</b></span></p> <p>CASnumber: 6834-92-0ECnumber:252-104-2</p> <p><b>Classification</b></p> <p><b>1999/45/EC)</b></p> <p>Acute Tox. 4 - H302            Acute Tox. 3 - H331            Skin Corr. 1B - H314            Eye Dam. 1 - H318</p>	<p><b>Classification(67/548/EECor</b></p> <p><b>C;R34. Xi;R37.</b></p>
<p><b>DIPROPYLENE GLYCOL MONOMETHYL ETHER</b><b>5-10%</b></p> <p>CASnumber: 34590-94-8ECnumber: 252-104-2</p> <p><b>Classification</b></p> <p><b>1999/45/EC)</b></p> <p>Eye Dam. 2 - H319</p>	<p><b>Classification(67/548/EECor</b></p>

<b>SODIUMCUMENESULPHONATE</b>		<b>5-10%</b>
<b>CAS number:</b> 32073-22-6 <b>EC number:</b> 250-913-5		
<b>Classification</b> <b>1999/45/EC)</b>		<b>Classification(67/548/EECor</b>
Acute Tox. 4 - H302		Xi;R36
Eye Irrit. 2 - H319		
<b>ALCOHOL ETHOXYLATE</b>		<b>1-5%</b>
<b>CAS number:</b> 68439-46-3 <b>EC number:</b> -		
<b>Classification</b> <b>1999/45/EC)</b>		<b>Classification (67/548/EEC or</b>
Acute Tox. 4 - H302		Xn;R22. Xi;R41.
Eye Dam.1 - H318		

**SECTION 4. FIRST AID MEASURES**

**INHALATION**

Remove to fresh air, if breathing difficulties are experienced, seek medical attention.

**INGESTION**

Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention.

**SKIN CONTACT**

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**Most important symptoms and effects, both acute and delayed**

**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

Irritation of nose, throat and airway.

**Ingestion**

May cause chemical burns in mouth and throat.

**Skincontact**

Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.

**Eyecontact**

Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

**NOTE TO PHYSICIAN**

Treat symptomatically.

**SECTION 5. FIRE FIGHTING MEASURES****EXTINGUISHING MEDIA**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**SPECIFIC HAZARDS**

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Avoid contact with skin and eyes.

**ENVIRONMENTAL PRECAUTIONS**

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

## **SPILL CLEAN UP METHODS**

Small quantities collect with mop and wash with detergent and water

Major spills contain spill, collect spill with suitable super absorbent material like vermiculite, shovel material into a clean, dry appropriate labelled container and close lid tightly. Do not allow product to enter water ways.

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

### **Precautions for Safe Handling:**

Keep container tightly closed, store in a cool ventilated place. Store away from oxidizing materials.

### **Other Recommendations:**

Wash thoroughly after use

## **SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

### **Control parameters**

### **Occupational exposure limits**

### **DIPROPYLENE GLYCOL MONOMETHYL ETHER**

Short-term exposure limit (15-minute): WEL 50 ppm 308 mg/m<sup>3</sup>

Sk

Sk = Can be absorbed through skin.

### **Exposure controls**

### **Protective equipment**



### **Appropriate engineering controls**

Not relevant.

### **Eye/face protection**

The following protection should be worn: Chemical splash goggles or face shield

### **Hand protection**

Wear protective gloves. (Household rubber gloves.)

### **Otherskin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

### **Respiratoryprotection**

Respiratory protection not required.

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

Melting Point: Not Applicable.

Physical State: Orange coloured liquid.

Odour: Mild surfactant, characteristic

Boiling Point: Not applicable.

pH: 13.0 – 14.0

Solubility in Water: completely Soluble.

Flashpoint: Not Applicable.

Specific Gravity: ND

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

### **Reactivity**

Reactions with the following materials may generate heat: Strong acids.

### **Chemical stability**

### **Stability**

No particular stability concerns.

### **Possibilityofhazardous reactions**

No known conditions.

### **Conditionstoavoid**

There are no known conditions that are likely to result in a hazardous situation.

### **Incompatible materials**

#### **Materials to avoid**

Strong acids, Oxidizing agents, Aluminium, Tin, Zinc and their alloys.

#### **Hazardous decomposition products**

Carbon oxides, Nitrogen oxides.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **TOXICOLOGICAL INFORMATION**

#### **PRODUCT TOXICITY:**

The toxicity of this product has not been determined

#### **COMPONENT TOXICITY:**

The hazard identifications in section 2 were derived from the known effects of individual ingredients

#### **OTHER HEALTH EFFECTS**

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

#### **Carcinogenicity**

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

Not regarded as dangerous for environment.

#### **Toxicity**

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

#### **Persistence and degradability**

Sequestrant is readily degraded during biological effluent treatment processes.

### **Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

### **Mobility in soil**

Not known.

### **Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

Abbreviations:

PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

### **Other adverse effects**

Not known.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **DISPOSAL METHODS**

Product should be treated according to sections 6,7 and 8 above

Dispose of according to Local, State and Federal regulations. Contact relevant authority for details.

## **SECTION 14. TRANSPORT INFORMATION**

### **ADR**

Not Regulated as dangerous goods.

### **RID**

Not Regulated as dangerous goods.

### **ADN**

Not Regulated as dangerous goods.

### **IATA**

Not Regulated as dangerous goods.

### **IMDG**

Not Regulated as dangerous goods.



## **SECTION 15. ADDITIONAL REGULATORY INFORMATION**

**REGULATORY STATUS:** Not regulated

### **SDS STATUS**

The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

#### **Risk phrases in full**

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R22 Harmful if swallowed.

R34 Causes burns.

R35 Causes severe burns.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R37 Irritating to respiratory system.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **Hazard statements in full**

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.



## **SECTION 16. OTHER INFORMATION**

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the company's knowledge.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The company assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

