



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

Product Name: ECO BRIGHT DG-1

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

Product code: DG-1

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. 2 - H315 Eye Dam. 2B - H319

Environmental hazards

Not Classified

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

Xi;R36/38.

Label elements

Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation. H 319 Causes eye irritation.



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 dodecyl sulphate, Sodium Metasilicate.

SECTION 3. COMPOSITION AND INGREDIENTS

Mixtures

SODIUMDODECYL SULPHATE CASnumber: 151-21-3 ECnumber: 205-788-1	1-5%
Classification Acute Tox. 4 - H302 Acute Tox. 3 - H311 Skin Irrit. 2 - H315 Aquatic Chronic. 2 – H411 Eye Dam. 2 - H319	Classification(67/548/EECor 1999/45/EC) Xn;R22. Xi; N:R51/53.
SODIUMMETASILICATE CASnumber: 6834-92-0 ECnumber: 252-104-2	5-15%
Classification Acute Tox. 4 - H302 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318	Classification(67/548/EECor 1999/45/EC) C;R34. Xi;R37.
DIPROPYLENE GLYCOL MONOMETHYL ETHER 5-10% CASnumber: 34590-94-8 ECnumber: 252-104-2	
Classification Eye Dam. 2 - H319	Classification(67/548/EECor 1999/45/EC)
SODIUMCUMENESULPHONATE CASnumber: 32073-22-6 ECnumber: 250-913-5	5-10%
Classification Acute Tox. 4 - H302 Eye Irrit. 2 - H319	Classification(67/548/EECor 1999/45/EC) Xi;R36



ALCOHOL ETHOXYLATE 1-5%

CAS number: 68439-46-3 **EC number:** -

Classification

Acute Tox. 4 - H302

Eye Dam.1 - H318

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

Xn;R22. Xi;R41.

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.

Skin contact

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/m³
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.)

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.



Respiratory protection

Respiratory protection not required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: Not Applicable.

Physical State: Greenish Blue 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.

Possibility of hazardous reactions

No known conditions.

Conditions to avoid

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



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

Mobility

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.