

# Material Safety Data Sheet

## NITRO D

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Trade name: Nitro D

Company identification: Eco- Sol Ltd  
Cardiff House  
Cardiff Rd  
Vale of Glamorgan  
CF63 2AW

Tel: 0845 293 7770  
Fax: 01446 739922

Emergency phone no: 07825 924430

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Proprietary blend

No.	Components	wt (%)
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1/	Nitrogen based solution	42% min.
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No.	CAS No.	ACGIH –TLV	IARC, NTP
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1/	proprietary	none established	none established
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### 3. HAZARDS IDENTIFICATION

The product is not classified as hazardous.

Combustibility fluid.

### 4. FIRST AID MEASURES

After skin contact: Wash exposed skin with plenty of water.

After eye contact: Flush eyes thoroughly with water.

After ingestion: Rinse mouth and consult medical physician.

After inhalation: If difficulties occur after dusts have been inhaled keep patient calm, move patient to fresh air, summon medical aid.

### 5. FIRE – FIGHTING MEASURES

Flash point: Not applicable

Flammability: Not applicable

Suitable extinguishing media: water, carbon dioxide, dry powder, dry sand, foam

## **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Avoid contact with skin and eyes

Environmental precautions: Do not allow to enter drains or waterways.

Methods for cleaning: Take up by mechanical means and dispose of in accordance with local regulations.

## **7. HANDLING AND STORAGE**

Handling: Use only in well-ventilated areas. Avoid contact with eyes, skin clothing.  
Handle in accordance with good industrial hygiene and safety practice.

Storage: Store dry in tightly closed original container. Protect from direct sunlight.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

Limit values related to the work environment. A limit value has not knowingly been established.

Personal protective equipment.

Eyes: Safety goggles

Hands: Rubber gloves

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

Form: Colourless, transparent liquid

Odour: Odourless

Melting point: not applicable

Boiling point: 103 °C

Explosives properties: none

Solubility in water: completely miscible in any ratio

## **10. STABILITY AND REACTIVITY**

Flash point: Not applicable

Flammability: Not applicable

Ignition temperature: Not applicable

Auto flammability: None

Oxidizing properties: None

Explosion limits: No data available

Stability: Stable

#### **11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity: LD50 (Rabbit-Oral): 1000 mg/kg

LD20 (Rat-Oral): 3200 mg/kg

Chronic toxicity: Not available

Carcinogenicity: Not available

Mutagenicity: Not available

#### **12. ECOLOGICAL INFORMATION**

Persistence and degradability: Abiotic degradation

#### **13. DISPOSAL CONSIDERATIONS**

Must be disposed of by special means, e.g. suitable incineration

#### **14. TRANSPORT INFORMATION**

RID/ADR: not restricted

ADNR: not restricted

IATA: not restricted

IMDG: not restricted

#### **15. REGULATORY INFORMATION**

Not regulated

#### **16. OTHER INFORMATION**

The information contained herein is based on the present state of our knowledge and does not guarantee certain properties.

Recipients of our product must take responsibility for observing existing laws and regulations.