

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.0 FLAMETECT NITRO : Flame Retardant for Natural & Synthetic materials

1.1 A Nitrogen Based Solution With Surfactants ,

1.2

1.2 Eco-Sol Ltd (Trading As [www.fireproofspray.co.uk](http://www.fireproofspray.co.uk) )

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1.3 Emergency Telephone Numbers As Above, Plus Out Of Office Numbers 0044 + (0) 7825 924432 & 33

## 2 HAZARDS IDENTIFICATION

2.0 Hazards Overview. Not Classified As Hazardous.

## 3. COMPOSITION INFORMATION ON INGREDIENTS

3.0 Nitrogen Based Compound 34% Minimum

## 4. FIRST AID MEASURES

## Skin Contact

Immediately Flush Skin With Plenty Of Soap & Clean Water For At Least 15 Minutes Whilst Removing Contaminated Clothing & Shoes. Wash Clothing Before Re-Use.

## Eye Contact

Immediately Flush Eyes With Plenty Of Clean Water For At Least 15 Minutes, Occasionally Lifting The Upper & Lower Eyelids

## Ingestion

If Swallowed Give Small Sips Of Water Every 10 – 15 Minutes.

## 4. Continued

Seek Medical Help Immediately & Provide With A Copy Of This M.S.D.S.

Never Give Anything By Mouth To An Unconscious Person

## Inhalation

Liquid .Not Anticipated

## Notes To Physicians

None

## 5. FIRE FIGHTING MEASURES

A Flame Retardant, No Flammable Issues Anticipated

## 6. ACCIDENTAL SPILLAGE MEASURES

## Personal Protection

Always Use Personal Protection Equipment As Defined In Section 8.

## Material Safety Data Sheet

M.S.D.S Flametect Nitro Revision 4 .0 June 2022

## Spills & Leakages

Contain Spills & Leakages, Avoid Runoff Into Storm Drains & Sewers Which Lead To Waterways

Clear Up Spills Immediately Wearing Personal Protection As Described In Section 8.

Absorb Spills In Non Combustible Absorbent Materials Such as Sand, Earth Or Vermiculite, Dispose of Observing Local Laws & Byelaws

## Clean up Procedure

Wash The Spillage Site With Amounts Of Water

## 7. HANDLING AND STORAGE

### 7.1 Handling Requirements

Wash Thoroughly After Handling, Keep Container Tightly Closed

### 7.2 Storage Precautions

Store in A Tightly Closed Container, Keep In A Cool Dry Place, Away From Incompatible Materials

## 8 EXPOSURE CONTROL / PERSONAL PROTECTION

## Engineering Controls

Not Anticipated To Be Needed If Good Personal & Workplace Hygiene Practices Are Followed, Before Eating Drinking Or Smoking, Wash Hands & Face Thoroughly

## Personal Protective Equipment

### Eyes

Wear Chemical Goggles

### Skin

Avoid Unnecessary Skin Exposure , Wear Gloves To Prevent Skin Exposure If Used For Prolonged Periods

### Clothing

Wear Suitable Protective Clothing If Used For Prolonged Periods

### Face Masks & Respirators

Not Anticipated To Be Needed, Although A Simple Mask Could Protect Skin If Used For Prolonged Periods

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	A clear Solution That Dries Transparent
Ph	6 - 7
Vapour Pressure	Not Applicable Vapour
Density	Not Applicable
Evaporation Rate	Not Applicable
Viscosity	60 - 80 cps
Boiling Point	Not Applicable
Freezing Point	Not Applicable
Auto Ignition Temperature	Not Applicable
Explosion Limits Lower	Not Applicable
Explosion Limits Upper	Not Applicable
Decomposition Temperature	> 230C
Solubility	Miscible With Water
Specific Gravity / Density	1.28 grams Per Cubic Centimetre
N-Content	~ 12

9 Continued

Crystallisation Point ~ 5 Degrees C.

## 10. STABILITY AND REACTIVITY

### Stability

Stable Under Normal Conditions Of Storage & Usage

### Hazardous Decomposition Products

Ammonia, Phosphoric Acid, Steam/Water May Be Formed When This Product Is Heated.

### Hazardous Polymerisation

None reported

### Incompatibilities

Not Applicable

### Conditions To Avoid

None Known

## 11. TOXICOLOGICAL INFORMATION

LD50 / LC50

TLV

Not Specially Quoted

Acute Oral Toxicity LD 50 (Rats ) > 5000 mg Per Kilo Bodyweight

Acute Oral Toxicity LC 50 ( Zebra Fish ) > 500 mg Per Litre 96 Hours

## 12 ECOLOGICAL INFORMATION

This Material Is Not Considered As Hazardous To The Environment

## 13 DISPOSAL

Observe All National, Regional & Environmental Regulations

## 14 TRANSPORT INFORMATION

UN Number

ADR / RID Class

14 Continued

IATA Class

IMO Class

IMDG Code

Marine Pollutant            No

Proper Shipping Name

Additional Information    Not Classified As Hazardous Under Any Transport Regulations

## 15. REGULATORY INFORMATION

All Components Of This Are included In The European Inventory Of Existing Chemical Substances In Compliance With The Council Directive 67/548 EEC & 79/831 EEC

## 16. OTHER INFORMATION

The Above Information Is Believed To Be Correct But Does Not Purport To Be All Inclusive & Is To Be Used Only As A Guide.

Eco-Sol Ltd Will Not Be Held Liable For Any Damage Resulting From Handling Or Contact With The Above Product