

Material Safety Data Sheet



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.0 **FLAMETECT NITRO.** A Non Water Resistant Flame Retardant For Natural & Synthetic Materials

1.1 An Aqueous Complex Blend Of Organophosphates

1.2 Martin Dannell & Co Ltd
MD House
Unit 13 Abbey Mead Industrial Park
Brooker Road
Waltham Abbey
Essex
EN9 1HU
Tel: 01992 700311
Fax: 01992 769521

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

2. HAZARDS IDENTIFICATION

2.0 Hazards Overview. None Identified

3. COMPOSITION INFORMATION ON INGREDIENTS

3.0 An Aqueous Complex Blend Of Organophosphates

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.

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

Never Give Anything By Mouth To An Unconscious Person

4. Continued

Inhalation

Liquid . Not Anticipated

Notes To Physicians: None

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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.

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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	Opalescent Slightly Green Solution
Ph	6 - 7
Vapour Pressure	Not Applicable
Vapour Density	Not Applicable

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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	Not Applicable
Solubility	Miscible With Water
Specific Gravity / Density	1.28 grams Per Cubic Centimetre
N-Content	~ 12
P2O5 Content	~ 15
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Crystallisation Point	~ 5 Degrees C.

10. STABILITY AND REACTIVITY

Stability

Stable Under Normal Conditions Of Storage & Usage

Hazardous Decomposition Products

Ammonia, Phosphoric Acid , Hydrogen Bromide & 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 **Hazardous Polymerisation**

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

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UN Number	
ADR / RID Class	
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	