



Material Safety Data



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.0 FLAMETECT C WD. A Water & Weather Resistant Flame Retardant For Indoor & Outdoor Timber & Timber Based Product

1.1 A Nitrogen Based Solution With Surfactants , Couplers & Mordents

1.2 Eco-Sol Ltd

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2 HAZARDS IDENTIFICATION

2.0 Hazards Overview. None Identified

3. COMPOSITION INFORMATION ON INGREDIENTS

3.0 A Nitrogen Based Solution	> 35%	CAS ACGIH-TLV IARC NTP
Non-Ionic Surfactant	< 1%	
Citric Acid	< 1%	
Polyoxyethylene Coupler	< 1%	
Water	Balance	

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



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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.

Material Safety Data Sheet

M.S.D.S Flametect C-WD. Revision 2 .0 October 1st 2011

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 White 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	Not Applicable
Solubility	Miscible With Water
Specific Gravity / Density	1.28 grams Per Cubic Centimetre
N-Content	~ 12
P205 Content	~ 15
Material Safety Data Sheet	MSDS Nitro D. revision 2 October 1st 2011

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 , 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

Acute Oral Toxicity LC 50 (Zebra Fish) > 500 mg Per Kilo 96 Hour

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



Material Safety Data



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