

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER
1.0 NX2FLAMETECT . Flame Retardant For Marine Textiles . (Non-Hygroscopic) Halogen/Bromine Free.
1.1 A Nitrogen Based Solution with Surfactants. Contains Biocide, Fungicide & Virucide.
1.2 Eco-Sol Ltd Cardiff House Cardiff Road Barry Vale Of Glamorgan CF63 2AW www.fireproofspray.co.uk Telephone 00 44 + (0)845 293 7770 Fax 00 44 + (0)2920 027 978 E. Mail sales@eco-sol.co.uk
1.3 Emergency Telephone Numbers As Above: 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 Contains Biocide, Fungicide & Virucide <1%
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. Product is not a known irritant.
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
Inhalation Liquid state . 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 NX2FLAMETECT . Revision 1.0 April 2013
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	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
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

Corrosion

Not Corrosive to most metals



Material Safety Data Sheet



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: Not Classified as hazardous. 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