

**HEALTH & SAFETY SHEET
FLAME RETARDANT NO. 2**

1. Identification of Substance or Preparation **Product Code: FR 2**

Product Name: **FLAME RETARDANT NO. 2**

Company Name: **Bio-Productions Ltd. Inc. Stapro
72 Victoria Road, Burgess Hill, West Sussex RH15 9LZ
Tel No: 01444 244000 / Fax No: 01444 244999**

2. Composition / Information on Ingredients

Hazardous Ingredient(s):	CAS NO:	%w/w:	Symbol:	R Phrases
Ammonium bromide	12124-97-9	10-25	Xi	R36

Non Hazardous Ingredients:
Ammonium polyphosphate **25-50**

3. Hazards Identification

4. First Aid Measures (Symptoms)

Inhalation	With normal use should not present a hazard
Skin Contact	May cause slight irritation to sensitive skin
Eye Contact	May cause irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract and stomach pains

Additional Information

4. First Aid Measures (Actions)

Inhalation:	If affected, remove to fresh air, keep warm and at rest. Seek medical attention if symptoms persist
Skin Contact:	Immediately remove all contaminated clothing. Wash skin with soap and water. Seek medical help if symptoms persist
Eye Contact:	Irrigate thoroughly with plenty of water for 10-15 minutes. Obtain medical attention if irritation persists
Ingestion:	Do not give anything by mouth to an unconscious person. Wash out with water and give copious amounts of water to drink. Do not induce vomiting. Seek medical advice if patient unwell

Additional Information: Always launder contaminated clothing before re-use

5. Fire Fighting Methods

Extinguishing	All extinguishing media may be used
Media:	
Fire Fighting Protective:	Full protective equipment including self-contained respiratory protection

6. Accidental Release Measures

Caution: Absorb large spillage with sand or absorbent
Transfer to a container for disposal
Dispose of under Local Authority Guidelines
Small spillage flush away with water
Avoid washings entering water courses

7. Handling & Storage

Handling:	Avoid contact with skin and eyes
Storage:	Keep in original containers, in a cool and dry place Keep tightly closed when not in use Do not store below 5 ^o C degrees or above 30 ^o C degrees

8. Exposure Controls / Personal Protection

Hazardous Ingredient(s)	LTEL (8Hr TWA) ppm mg m – 3	STEL (15 mins) ppm mg m – 3
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Respiratory Protection:	Suitable respiratory equipment (RPE recommended for mists if conditions generate mists)
Hand Protection:	Wear suitable gloves
Eye Protection:	Wear suitable goggles
Skin Protection:	Wear suitable overalls

9. Physical & Chemical Properties

Form:	Liquid	Colour:	Green
Odour:	Typical	pH (Value)	8 approx.
Boiling Point	Not Available	Melting Point	Not Available
Flash Point:	Not Available	Flammable Limits	Not Available
Auto Ignition Temp.	Not Available	Oxidising Props.	Not Available
Vapour Pressures	Not Available	Density (g/ml)	Not Available
Solubility (water)	Soluble	Solubility (other)	Not Applicable
Partition Coefficient	Not Available	Pour Point (Deg C)	Not Available
Viscosity	Not Available		

10. Stability & Reactivity

Conditions to Avoid	Extremes of temperature
Materials to Avoid	Magnesium, strong acids, strong oxidisers
Hazardous Reactions	When heated to decomposition emits toxic fumes of ammonia and phosphorus oxides

11. Toxicological Information

Inhalation	May cause irritation of mucous membranes
Skin Contact	May cause irritation to sensitive skin or with prolonged contact
Eye Contact	Mist may cause irritation.
Ingestion	Dust will cause irritation to the mouth, throat and digestive tract May also cause abdominal pain, nausea and vomiting

12. Ecological Information

Phosphates will promote the growth of algae in stagnant water and may degrade water quality

13. Disposal Considerations

Dispose of under Local Authority Guidelines

14. Transport Information

UN No:	IMDG:	CAO / IATA:	ADR:
Proper Shipping Name:		Marine Pollutant:	

15. Regulatory Information

Hazardous Ingredients(s):	EEC Classification:
Hazard Symbol:	Risk Phrases:
Safety Phrases: S2 Keep out of reach of children, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S46 If swallowed, seek medical advice immediately and show this container or label	

16. Other Information

Treatment for all synthetic fabrics (excluding Draylon and rayon)

The information in this Safety Data Sheet is based upon knowledge available at the time of compilation. It is intended to describe the product only in terms of Health & Safety requirements. It does not signify any warranty with regard to specific properties or specifications.

