

**COSHH SHEET**  
**Clean and Green - Flame Retardant Formula No 2**

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

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

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**2. Composition / Information on Ingredients**

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

Non Hazardous Ingredients:	
<b>Ammonium polyphosphate</b>	<b>25-50</b>

**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

**5. 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

## 6. Fire Fighting Methods

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

## 7. 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

## 8. 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<sup>0</sup> C degrees or above 30<sup>0</sup>C degrees

## 9. 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

## 10. Physical & Chemical Properties

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

## 11. 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

## 12. 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

## 13. Ecological Information

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

## 14. Disposal Considerations

Dispose of under Local Authority Guidelines

## 15. Transport Information

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

## 16. Regulatory Information

Hazardous Ingredients(s):	EEC Classification:
Hazard Symbol:	Risk Phrases:
Safety Phrases: <b>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</b>	

## 17. Other Information

This product is designed to be used as a Flame Retardant 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.