Health and Safety Data Sheet – Flamecheck

1. Identification / Product Name

Product name: Flamecheck

CAS No: Not applicable to mixture

Intended use: Flame-retardant spray for natural and synthetic materials

Supplier: Flamecheck, Denton Drive, Marston Moreteyne, Bedfordshire, MK43 0NA

Emergency Telephone: 07790 712839

2. Composition / Information on Ingredients

Hazardous Ingredient	***W/W%***	***CAS No***	***Health Class***	***Risk***
Potassium Salt of Ary Ether Phosphate Ester	1-5		Irritant	R36/38
Oleyl Hydroxyethyl Imiadazoline	1	95-38-5	Irritant	R36/38
Non-ionic Surfactant	1	68439-45-2	Harmful	R22
Pine Oil	1	138-86-3	Flammable	R10
Sulphuric Acid	1	7664-93-9	Corrosive	R35
Colour	None			
Appearance	Clear Liquid			
Odour	Faint Pine			
Solubility	Miscible with water all proportions			
Ph (@ 20 C)	6			
Specific Gravity	1.1			
Melting Point	0 C			
Boiling Point	100 C			
Flash Point	Not Combustible			
Auto Ignition	N/A			

3. Hazards Identification

Product not classified as hazardous according to EEC regulations.
When liquid, avoid skin and eye contact.
When dry, product does not constitute any risk or hazard.

4. First Aid Measures

General: In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in the recovery position and seek medical attention.

Eyes: Contact lenses should be removed. Flush with copious volume of water for 15 minutes, holding eyelids apart. Seek medical attention.

Skin: Wash off with plenty of water. Seek medical attention if any symptoms persist.

Inhalation: Remove to fresh air. Keep calm and warm. If breathing has stopped give artificial respiration and seek medical attention.

Ingestion: Wash mouth out with water and give milk or water to drink (unless unconscious). Seek medical attention.

5. Fire Fighting Procedures

Extinguishing Media: Product is not combustible. Use media appropriate to material on fire.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. In a large fire, water may boil off leaving a residue, which, if exposed to high temperatures, may decompose with possible resultant production of Ammonia, Oxides of Nitrogen, Oxides of Phosphorus, Carbon Dioxide, and possibly Carbon Monoxide. Fumes of Sulphuric Acid may be evaporated off from the product. Keep containers cool by water spray.

6. Accidental Release Measures

Spill Clean-Up Procedures: Always wear personal protective equipment (see section 8). For small spills either absorb with absorbent material and transfer to sealed container for approved disposal or flush away using large volumes of water. For large spills, dam off spillage and pump/transfer to containers. Any residue should be treated as per small spillage. Observe all national/local regulations when disposing of.

7. Handling and Storage

Usage Precautions: Apply adequate factory hygiene principles when using this product. Wear appropriate personal protective equipment. Avoid eye and skin contact.

Storage Precautions: Store in original sealed containers in a cool dry area.

Storage Temperature: +1 C to +30 C

Shelf-Life: Indefinite

8. Exposure Controls and Personal Protection

Hazardous Ingredient	CAS No EINECS	Exposure Limit
Potassium Salt of Aryl Ether Phosphate Ester		No limit Established
Oleyl Hydroxyethyl Imidazoline	35-38-5 202-424-9	No limit Established
Pine Oil	138-86-3 205-341-0	No limit Established
Sulphuric Acid	7664-93-9 231-639-5	OES 1.0mg/M 8 hr TWA

Comments: Working procedures should be designed to minimise worker exposure to product. Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Take measures to minimise inhalation when spraying.

Protective Gloves: Wear impervious gloves.

Eye Protection: Wear safety goggles/face visor.

Other protection: If splashes likely, wear protective boots and clothing. If to be sprayed, recommend use of adequate face mask with respiratory protection.

9. Stability and Reactivity

Stability: Stable under normal conditions.

Materials to avoid: Strong acids and bases and oxidising agents as product is mildly acidic will corrode some metals on prolonged contact.

10. Toxicological Information
