

# MATERIAL SAFETY DATA SHEET

## 1.0 IDENTIFICATION

Product Name : **Inilam AB**  
Use : Fire extinguishing liquid  
Supplier : Britannia Fire Limited  
Ashwellthorpe Industrial Estate  
Ashwellthorpe  
Norwich, NR16 1ER  
United Kingdom  
Telephone : +44 (0) 1508 488416  
Fax : +44 (0) 1508 481753  
E mail : [sales@britannia-fire.co.uk](mailto:sales@britannia-fire.co.uk)

## 2.0 HAZARDS IDENTIFICATION

Health effects : In normal condition of use, this product does not present any acute toxicity hazard.  
Product Classification : None (Directive 88/379/EEC)

## 3.0 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical nature of the preparation : Preparation based on nitrogenated derivatives and ammonium salts of phosphoric acid and hydrocarbon and fluorinated surfactants in aqueous solution.

## 4.0 FIRST AID MEASURES

Skin contact : Remove any excess product.  
Wash immediately with plenty of water and soap.  
Eye contact : Wash open eyes immediately, with plenty of water for at least 15 minutes.  
Ingestion : Do not induce vomiting to avoid aspiration in the respiratory tract.

Other information : Remove immediately any soiled clothing.

## 5.0 FIRE FIGHTING MEASURES

Not applicable as this product is a fire extinguishing medium.

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## 6.0 ACCIDENTAL RELEASE

Personal precautions	:	Floor may become slippery from spilled product. Wear protective clothing, gloves and protective goggles.
Environmental precautions	:	Prevent product from entering drainage system. Dam up and absorb on an inert material.
Methods for cleaning up		
Recovery	:	Do not use cleaning agent (bleaching agent for example).
Disposal	:	Sweep/shovel up residue. Collect residues in a labelled container. Wash floor with copious quantities of water.

## 7.0 HANDLING AND STORERAGE

### Handling

Technical measures/ precautions	:	Provide water supplies and ocular fountains near the point of use. Wear protective clothing, gloves and protective goggles.
Other precautions	:	Avoid all contact with eyes. Do not ingest.
Safe handling	:	Avoid any spillage onto the floor.

### Storage

Recommended	:	Store the hermetically sealed drums protected from the weather. Keep the floor clean. Store away from frost.
Incompatible products	:	Hazardous reaction with powerful oxidants.

### Packaging material

Recommended	:	Plastic drums or lined metallic drums.
Not suitable	:	Aluminium and copper alloys.

## 8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

### Personal protection

Hand protection	:	Impermeable gloves.
Eye protection	:	Protective goggles.
Skin and body protection	:	Appropriate protective clothing.
Specific hygiene measures	:	Remove immediately soaked or soiled clothing. Wash separately. Wash immediately any affected parts of the body.

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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid at 20°C
Ph	:	6.3
Solidification point	:	Around -17°C
Flash point	:	Not applicable
Density	:	Around 1110 kg/m <sup>3</sup> at 25°C
Solubility	:	Soluble in water.
Other information	:	Affected by frost

## 10.0 STABILITY AND REACTIVITY

Stability : stable at normal storage temperature.

### Hazardous reactions

Materials to avoid	:	Powerful oxidants.
Hazardous decomposition products	:	Ammonia

## 11.0 TOXICOLOGICAL INFORMATION

To our knowledge, no harmful effects for man under normal conditions of use.

## 12.0 ECOLOGICAL INFORMATION

Ecotoxicity : Do not release into natural water courses or the environment.

## 13.0 DISPOSAL

Waste disposal	:	Incinerate at approved waste disposal sites only.
Local regulations	:	Comply with local regulations.

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## 14.0 TRANSPORT INFORMATION

Not classified as hazardous for transport.

**When transported in a stored pressure or cartridge type fire extinguisher, the fire extinguisher is considered a class 2.2 hazard. The proper shipping name shall be FIRE EXTINGUISHER and the number is UN 1044**

## 15.0 REGULATORY INFORMATION

Labelling	:	Product is not subject to 88/379/EEC Directive modified.
Symbols	:	None
Other information	:	Comply with local regulations.

## 16.0 OTHER INFORMATION

Recommended uses : Extinguishing liquid for class A, B and F within the correct fire extinguisher.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Information source (data sheet) original chemical supplier Orchidee S.A.S. The information given is designed only as guidance for safe handling, uses processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.

