

## **MATERIAL SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

- 1.1 Product Identification** Water Additive
- 1.2 Use** Fire extinguishing liquid for Class A fires
- 1.3 Supplier** Shanghai Kidde Fire Fighting Company Limited  
No. 999 Baoqi Road, Baoshan City Industrial Park,  
Shanghai 200444,China  
Tel: (8621) 36307198  
Fax: (8621) 36307199  
Email :SKFF-admin@mail.online.sh.cn

### **Emergency Telephone Number**

As Above

### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

Preparation based on nitrogenated derivatives and ammonium salts of phosphoric acid in aqueous solution

### **3. HAZARDS IDENTIFICATION**

Health effects: in normal conditions of use, this product does not present any acute toxicity hazard.

Product classification: none (Directive 88/379/EEC)

#### 4. FIRST AID MEASURES

Skin contact: Remove any excess of product  
Wash immediately with soap and water, rinse copiously with water

Eye contact: Wash open eyes thoroughly for at least 15 minutes

Ingestion: Do not induce vomiting

Remove any soaked clothing

#### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, carbon dioxide, dry powder extinguishers

Special protective equipment for fire fighters: Self contained breathing apparatus

Non combustible material, which can decompose to liberate ammonia. Cool the packaging in the vicinity with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Floor can become slippery from spilled product  
Wear protective clothing, gloves and goggles

Environmental precautions: Prevent product entering drainage system  
Absorb on inert material

Do not use cleaning agent (bleaching agent for example)

Sweep or shovel up residues, collect in a labelled container

Wash floor with copious quantities of clean water

## 7. HANDLING AND STORAGE

Handling:	Wear protective clothing, gloves and goggles Avoid contact with eyes. Do not ingest Avoid spillage
Storage:	Store in original unopened drums protected from weather, avoid frost
Incompatible products:	Hazardous reactions with powerful oxidants

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection:	impermeable gloves
Eyes protection:	goggles
Skin protection:	appropriate protective clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	
Odour:	
pH:	8.0
Boiling point/boiling range:	
Flash point:	N/A
Flammability (solid, gas):	not flammable
Explosive properties:	
Oxidising properties:	
Vapour pressure:	
Density:	around 1190 kg/m <sup>3</sup> at 25°C
Solubility:	water soluble

Partition coefficient: n-octanol/water:

Viscosity:

Vapour density:

Evaporation rate:

Liquid at 20°C (affected by frost)

## 10. STABILITY AND REACTIVITY

Stability: Stable at normal storage temperatures

Hazardous reactions: avoid powerful oxidants

Hazardous decomposition products: ammonia

## 11. TOXICOLOGICAL INFORMATION

No harmful effects known to man under normal conditions of use

## 12. ECOLOGICAL INFORMATION

Do not release into natural watercourses or the environment

## 13. DISPOSAL CONSIDERATIONS

Product or residues: Incinerate at approved waste disposal sites only

Contaminated packaging: comply with local regulations

#### 14. TRANSPORT INFORMATION

Product is not subject to RID-ADR, IMO-IMDG and OACI-IATA

Product is affected by frost

#### 15. REGULATORY INFORMATION

EEC Regulations: product is not subject to 88/379/EEC Directive modified

Symbols: none

#### 16. OTHER INFORMATION

For further literature/information see product data sheet

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DISCLAIMER: This information is based on our current knowledge and is intended to describe the product for the purposes of health,safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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