



# SAFETY DATA SHEET

## Prestolit ABC Plus ENG

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

**Trade name** Prestolit ABC Plus ENG  
**Article type** Fire extinguishing agent  
**Supplier** Presto  
**Street address** Värmbolsvägen 2  
Box 315  
Box 315  
641 23 Katrineholm  
Sverige  
**Telephone** 0150-76000  
**Fax** 0150-76030  
**Manufacturer** Ruiyang  
**Street address** No.1 Zhujiang Road, Zhubeicun

Mazhu Town, Yuyao Zhejiang  
Kina  
**Telephone** +86 574 62467055

### 2. HAZARDOUS PROPERTIES

**Information about dangerous properties** Health hazards:  
The powder is of low acute danger. Extended or repeated inhalation of dust from the product could have some effect on the respiratory organ. The product could when exposed to eyes give negative, but transient, effects. No allergic or cancerogenic effects are to be expected from the product.  
Personal exposure hazards:  
Inhalation of dust from the product. Contamination of skin.  
Summary:  
At normal handling the product does not have any significant negative effect on man or environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS no	Concentration	Danger symbols	R -phrase(s)
Ammonium sulphate	7783-20-2	34 - 38%	-	-
Mono ammonium phosphate	7722-76-1	50 - 54%	-	-
<b>Substance additional information</b>	Mica: 4%, talcum: 3%, silica: 3%, silicone oil : <1%.			

### 4. FIRST AID MEASURES

**First aid in case of ingestion** Wash mouth with water and give plenty of water to drink. Induce vomiting.

**First aid in case of skin contact** Wash off with water and soap. No serious effect.

**First aid in case of inhalation** If inhaled - remove to fresh air. No serious effect.

**First aid in case of eye contact** There might be a slight irritation which fades soon. Irrigate with water or eye wash solution.

## 5. FIRE-FIGHTING MEASURES

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**Additional information in case of fire** It is an extinguishing agent. Not inflammable product.

## 6. ACCIDENTAL RELEASE MEASURES

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**Measures for spill management** Sweep up or use a vacuum cleaner.  
**Personal precautions** If the powder leakage is persistent, use a dust mask and gloves.  
**Additional information** Precautions of the environment: Do not evacuate through sewers.

## 7. HANDLING AND STORAGE

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**Preventive handling precautions** Dry, cool, absence of vibration. Avoid production of dust. When the powder passes through plastic pipes, electrostatic charge can occur.  
**Storage** No danger.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Safety gloves** May be needed.  
**Technical precaution measures** Installation and precautions to advice: In case of regularly use, it is recommended to install a dust aspirator system.  
Supervision check: N/A.  
**Personal protective equipment** The usual precautionary measures should be adhered to when handling chemicals.  
**Protective glasses** May be needed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Colour** Yellow  
**Melting point/range** >100° C  
**Odour** None  
**Flash point** n/a  
**pH** (1% solution): 4,0-4,5  
**Water solubility** >90% after several hours  
**Form** Powder  
**Density** About 1,9

## 10. STABILITY AND REACTIVITY

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**Conditions to avoid** Humidity.  
**Materials to avoid** Strongly caustic material.  
**Hazardous decomposition products** Ammonia (>100° C)  
**Additional information** In case of use of the material on fire, the odour of NH<sub>3</sub> is difficult to notice.  
When in contact with alkaline agents (e.g. lye) ammonia gas, which is corrosive on respiratory organ and toxic when inhaled, is released. Also intense heat releases ammonia, though this should not cause any problems in relation to the fact that the product extinguishes fire which causes large quantities of hazardous gases/smoke.

## 11. TOXICOLOGICAL INFORMATION

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**Toxicity in case of eye contact** Minor irritant. Possibility of transient irritation.  
**Long term effect** No chronic effects known.

## 12. ECOLOGICAL INFORMATION

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**Additional information** The product is mainly composed of ammonium sulphate and mono ammonium phosphate, of which both are strong fertilizers in soil- and water environments. The other components are not assessed to have any significant effects on the environment. The product does not affect the ozone layer and does not cause any greenhouse effect.

## 13. WASTE MANAGEMENT

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**Waste management** Recovery: By brushing and aspiration.  
Neutralisation: Not necessary.  
Disposal: Normally as fertilizer through an approved specialized company according to local and current authority regulations.

**Waste code (EWC)** 16 05 02 Not hazardous waste.

## 14. TRANSPORT INFORMATION

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**Additional transport information** The product is not classified as dangerous goods.

## 15. REGULATIONS

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**Additional existing regulations** The product is not classified as hazardous to man or environment.

## 16. OTHER INFORMATION

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**Additional information references** The declared agents are not listed in the Swedish PRIO database. Risk assessment for environment, health and safety made by the Swedish company Led-Pro miljö & kvalitet AB on 17/12 2008 is inserted in this MSDS.