

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

Trade name Prestolit Ultra ENG
Article type Fire extinguishing agent
Supplier Presto
Street address Värmbolsvägen 2
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	0 - 3%	-	-
Mono ammonium phosphate	7722-76-1	87 - 93%	-	-

Substance additional information Talcum: 3%, silica: 3%, mica: 4%, 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 effects.
First aid in case of inhalation If inhaled - remove to fresh air. No serious effects.
First aid in case of eye contact There might be a slight irritation which fades soon. Irrigate with water wash solution.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Safety gloves	When needed.
Protective glasses	When needed.
Technical precaution measures	In case of regular use, it is recommended to install a dust aspirator system. Supervisions check: N/A.
Personal protective equipment	The usual precautionary measures should be adhered to when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range	>100° C
Colour	Blue
Odour	None
Flash point	N/A
Water solubility	>90% after several hours
Form	Powder
Standard unit	Degrees Celsius (° C)

10. STABILITY AND REACTIVITY

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 ₃ 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

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

12. ECOLOGICAL INFORMATION

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

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 09 Not hazardous waste.

14. TRANSPORT INFORMATION

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

15. REGULATIONS

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

16. OTHER INFORMATION

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.