

MATERIAL SAFETY DATA SHEET

DRY CHEMICAL POWDER 30%

Section 1: Identification

Product Name:
DRY CHEMICAL POWDER 30%
Chemical Name:
MONO AMMONIUM PHOSPHATE, AMMONIUM SULPHATE
Company:
A1FIRE PTE LTD



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In case of emergencies contact local health department.

Section 2: Hazard(s) Identification

Hazard Classification:
VOID
Signal Word(s):
VOID
Hazard Statements:
VOID
Hazard Pictograms:
VOID
Precautionary Statements:
VOID
Description of other hazards:
VOID

Section 3: Composition/ Information on Ingredients

Chemical Name	CAS#	Conc.
MONO AMMONIUM PHOSPHATE	7722-76-1	30-34%
AMMONIUM SULPHATE	7783-20-2	56-60%
MICA	12001-26-2	< 5%%
METHYL H POLYSILOXANE	63148-57-2	< 1.0%

Section 4: First-Aid Measures

General information:

Take affected persons out into fresh air. Do not leave affected persons unattended.

After skin contact:

Immediately wash with water and soap and rinse thoroughly

After eye contact:

Rinse opened eye for several minutes under running water. Consult a physician.

After inhalation:

Supply fresh air or oxygen. Consult a physician.

After swallowing:

Rinse mouth with water. Consult a physician immediately.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

Special protective equipment for firefighters:

Mouth respiratory protective device. Do not inhale gases.

Section 6: Accidental Release Measures

Personal precautions:

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Remove persons from danger area.

Keep people at a distance and stay on the windward side

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting:

Pick up mechanically.

Ensure adequate ventilation.

Section 7: Handling and Storage

Handling:

Ensure good ventilation/exhaustion at the workplace.

Use only in well ventilated areas.

Information about fire and explosion protection:

The product is not flammable.

Storage:

Store in a cool location. Store only in the original receptacle

Section 8: Exposure Controls/Personal Protection

Control parameters:

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves

Check the permeability prior to each use of the glove.

Eye protection:

Tightly sealed goggles

Section 9: Physical and Chemical Properties

Form:

Solid

Odor:

Not determined

Odor threshold:

Not determined

pH:

4.0-4.5

Melting point/melting range:

Not determined

Boiling point/boiling range:

Not determined

Flash point:

Not determined

Evaporation rate:

Not determined

Flammability:

Not determined

Upper/lower flammability or explosive limits:

Not determined

Auto ignition temperature:

Not determined

Danger of explosion:
Not determined
Vapor pressure:
Not determined
Vapor density:
Not determined
Relative density:
Not determined
Solubility in/Miscibility with water:
Not determined

Section 10: Stability and Reactivity

Reactivity:
No further relevant information available.
Chemical stability:
No further relevant information available.
Conditions to avoid:
No further relevant information available.
Incompatible materials:
No further relevant information available.
Hazardous decomposition products:
Ammonia, Phosphorus oxides, sulfur oxides, carbon oxides.

Section 11: Toxicological Information

Acute toxicity:
Based on available data, the classification criteria are not met.
Potential routes of exposure/potential health effects
Skin:
Based on available data, the classification criteria are not met.
Eye:
Based on available data, the classification criteria are not met.
Inhalation: Based on available data, the classification criteria are not met.
Ingestion:
Based on available data, the classification criteria are not met.
Carcinogenic effects:
Based on available data, the classification criteria are not met.
Mutagenic effects:
Based on available data, the classification criteria are not met.
Reproductive toxicity:
Based on available data, the classification criteria are not met.
Sensitization:
Based on available data, the classification criteria are not met.
Target organs:
Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Aqua Ecotoxicity:
No further relevant information available.
Mobility in soil:
No further relevant information available.
Biodegradation:
No further relevant information available.
Bioaccumulation potential:
No further relevant information available.

Section 13: Disposal Considerations

Waste Disposal:
Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Engage disposal services from authorised disposal providers.
Uncleaned packaging:
Recommendation:
Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning. Packaging that may not be cleansed are to be disposed of in the same manner as the product.

Section 14: Transport Information

UN Number: Void
UN proper shipping name: Void
Transport hazard classes(es): Void
Packing group: Void
Environmental hazards: Not Applicable
Special precautions for user: Not applicable

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 65
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

This product is a fire extinguishing agent. It shall not be used for other purposes.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.