FRITZ-PAK CORPORATION

Safety Data Sheet
Gypsum Retarder

SECTION 1: Identification

1.1 Product identifier

Product name	**Gypsum Retarder**
Product number	99419
Substance name	Calcium Salt

1.2 Other means of identification
Solid (powder), tan in color, slight odor.

1.3 Recommended use of the chemical and restrictions on use
For Industrial Use Only
Applications: Delayed Set Admixture in gypsum products

1.4 Supplier's details

Name	Fritz-Pak Corporation
Address	4821 Eastover Circle Mesquite, TX 75149 USA
Telephone	214-221-9494
Fax	214-349-3182
email	davidojeda@fritzpak.com

1.5 Emergency phone number(s)

214-221-9494

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)
- CAN Combustible dusts, Cat. 1

2.2 GHS label elements, including precautionary statements

Signal word	**Warning**
Hazard statement(s)	
(CAN)	May form combustible dust concentrations in air

2.3 Other hazards which do not result in classification
Combustible dust hazard: fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Avoid contact with skin and eyes. Do not ingest. Do not breathe dust. Avoid generating dust. Use only with adequate ventilation.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Calcium Salt
Other names / synonyms	Calcium Salt

Hazardous components

1. Formaldehyde, polymer with 2-pyrrolidinone, calcium salt

Concentration	90 - 95 %
Other names / synonyms	Polymer with 2-pyrrolidinone, calcium salt
CAS no.	142702-41-8

2. Water

Concentration	5 - 10 %
Other names / synonyms	Water
CAS no.	7732-18-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if necessary.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical
May form combustible dust concentrations in air. Avoid generating dust. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)
Apart from the uses mentioned in section 1.3 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Use with adequate ventilation to control airborne levels.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved before handling this product.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards
No data available.

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Solid (powder)
Odor	Slight (sweet, smoky)
Odor threshold	No data available.
pH	11
Melting point/freezing point	n/a
Initial boiling point and boiling range	n/a
Flash point	n/a
Evaporation rate	n/a
Flammability (solid, gas)	n/a
Upper/lower flammability limits	n/a
Upper/lower explosive limits	n/a
Vapor pressure	n/a
Vapor density	n/a
Relative density	n/a
Solubility(ies)	100% soluble in cold and hot water.
Partition coefficient: n-octanol/water	n/a
Auto-ignition temperature	570 C for dust only
Decomposition temperature	n/a
Viscosity	n/a
Explosive properties	None.
Oxidizing properties	None.

Other safety information
Bulk Density 380 kg/m3

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under recommended storage conditions.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available.

10.4 Conditions to avoid
Avoid generating dust.

10.5 Incompatible materials
Strong oxidizing agents, strong acids, strong bases

10.6 Hazardous decomposition products

Will not occur.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
LD50 Oral - Rat
Result: >15,000mg/kg
Remarks: Based on similar products.

Skin corrosion/irritation
May cause slight skin irritation.

Serious eye damage/irritation
May cause slight eye irritation

Respiratory or skin sensitization
Dust may cause slight respiratory tract irritation.

Germ cell mutagenicity
No known significant effects or critical hazards.

Carcinogenicity
No known significant effects or critical hazards.

Reproductive toxicity
No known significant effects or critical hazards.

Summary of evaluation of the CMR properties
No known significant effects or critical hazards.

STOT-single exposure
No data available.

STOT-repeated exposure
No data available.

Aspiration hazard
No data available.

SECTION 12: Ecological information

Toxicity
No data available.

Persistence and degradability
Not readily biodegradable.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Results of PBT and vPvB assessment
No data available.

SECTION 13: Disposal considerations

Disposal of the product
Consult your local or regional authorities.

Disposal of contaminated packaging
Dispose of as unused product.

Waste treatment
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Sewage disposal
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Other disposal recommendations
Disposal of this product, solutions and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

TSCA 8(B) inventory:
All ingredients are listed on TSCA inventory.

Domestic Substance List (DSL) Canada:
All ingredients are included on DSL.

SECTION 16: Other information

Hazardous Material Information System, USA (HMIS):	Health :	1 (slight)
	Flammability :	1 (slight)
		Physical Hazards : 0 (minimal)

HMIS ratings are estimated from available data. The customer is responsible for determining the PPE code for this product.

National Fire Protection Association, USA (NFPA):	Health : 1 (slight) Flammability : 1 (slight) Instability : 0 (minimal) Special : Not applicable

NFPA ratings are estimated from available data. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids for safe handling.

16.1 Further information/disclaimer

Copyright 2026 Fritz-Pak Corporation

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

16.2 Preparation information

Prepared by: David Ojeda
Date of issue: January 3, 2026
Reference: 29 CFR Part 1910.1200 OSHA SDS Requirements