



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Fast Acting Gypsum

SECTION 1: Identification

Product identifier

Product name	Hi-Yield Fast Acting Gypsum
Product number	32052; 32054
Brand	Hi-Yield

Recommended use of the chemical and restrictions on use

Fertilizer; Soil amendment

Supplier's details

Name	Voluntary Purchasing Groups, Inc.
Address	230 FM 87 Bonham TX 75418 USA
Telephone	855-270-4776

Emergency phone number(s)

In the event of a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H315	Causes skin irritation
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H320	Causes eye irritation
H335	May cause respiratory irritation
H303	May be harmful if swallowed

Precautionary statement(s)

P261	Avoid breathing dust.
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Other hazards which do not result in classification

Unknown

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. Calcium Sulfate dihydrate

Concentration	97.5 % (weight)
CAS no.	10101-41-4

2. Lignosulfonic acid, calcium salt

Concentration	2 % (weight)
CAS no.	8061-52-7

3. Anionic Polyacrylamide

Concentration	0.5 % (weight)
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SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Symptoms: May cause respiratory tract irritation. Coughing, sneezing, or shortness of breath may occur following exposures in excess of exposure limits. Fresh air. If a person breathes in large amounts of this product, move to fresh air at once. If not breathing, give artificial respiration. Get medical attention if needed.
In case of skin contact	Symptoms: May cause skin irritation. Wash skin immediately rinse skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if needed.
In case of eye contact	Symptoms: May cause eye irritation. Irrigate immediately. If this product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention if needed.
If swallowed	Symptoms: May be harmful if swallowed. May cause gastrointestinal tract irritation. Intestinal obstruction may occur if the material hardens.

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Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if needed

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

Special protective actions for fire-fighters

Self-contained breathing apparatus and full protective clothing.

Note: Aqueous solutions or powders may render surfaces slippery.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation.

Environmental precautions

Prevent product from entering drains.

Methods and materials for containment and cleaning up

Sweep spilled substance into containers; avoid generating dust. Reuse if not contaminated.

SECTION 7: Handling and storage

Precautions for safe handling

Eating, drinking, and smoking should be prohibited in areas where this material is handled or stored. Do not ingest and avoid contact with skin and eyes. Avoid breathing in dust. Wear appropriate respirator when ventilation is inadequate.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated location. Do not store near aluminum (at high temperatures), diazomethane, oxidizing agents or other incompatible materials. Keep away from moisture.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Calcium Sulfate dihydrate (CAS: 10101-41-4)

TLV: 10 mg/m³ (ACGIH)

PEL: 15 mg/m³ (total) (OSHA)

Appropriate engineering controls

Local exhaust ventilation recommended. Running water should be available in case material gets in eyes. Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Wash clothing before reusing.

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

Eye/face protection

NIOSH (US) or CEN (EU) approved safety glasses with side shields, goggles, or face shield are recommended.

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Body protection

Long sleeves or lab coat are recommended.

Respiratory protection

A NIOSH (US) or CEN (EU) approved particulate respirator is recommended where total dust concentration exceeds 10 mg/m³.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Brown granular mix
Odor	Mineral
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	Not Flammable
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Chemical stability

Stable under recommended storage conditions. Avoid excess heat and incompatible materials.

Conditions to avoid

Oxidizing agents, aluminum (at high temperatures), and diazomethane

Hazardous decomposition products

Thermal decomposition may produce: calcium oxide, nitrogen oxides, carbon oxides, sulfur oxides, and hydrogen cyanide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available.

Germ cell mutagenicity

No data available.

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Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by ACGIH.

No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by OSHA.

IARC = International Agency for Research on Cancer

ACGIH = American Conference of Industrial Hygienists

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

Reproductive toxicity

No data available.

STOT-single exposure

Adverse health effects are not expected under normal use.

STOT-repeated exposure

No data available.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

Inherently biodegradable.

Bioaccumulative potential

Not applicable

Mobility in soil

Water contaminating.

Results of PBT and vPvB assessment

Not applicable.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

May be disposed of as an inert solid in sanitary landfill or by other procedures in accordance with all federal, state and local regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

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IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

SARA 302 Components

No chemicals in this material are subject to SARA Title III, Section 302 reporting.

SARA 313 Components

No chemicals in this material are subject to the reporting requirements of Section 313 of SARA.

SARA 311/312 Hazards

No chemicals in this material are subject to Section 311/312 of SARA.

Massachusetts Right To Know Components

Gypsum is listed by the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Gypsum is listed by the Pennsylvania Right to Know Act.

New Jersey Right To Know Components

Gypsum is listed by the New Jersey Right to Know Act.

California Prop. 65 Components

This product contains a chemical known to the State of California to cause cancer: Residual Acrylamide.

HMIS Rating

Hi-Yield Fast Acting Gypsum	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

NFPA Rating



SECTION 16: Other information