



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Fast Acting Gypsum

SECTION 1: Identification

GHS Product identifier

Product name Hi-Yield Fast Acting Gypsum
Product number 32052; 32054; 34054
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

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)

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2B

GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

Hazard statement(s)

H315 Causes skin irritation
H320 Causes eye irritation
H335 May cause respiratory irritation

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H303

May be harmful if swallowed

Precautionary statement(s)

P261

Avoid breathing dust.

P102

Keep out of reach of children.

P103

Read label before use.

P264

Wash ... thoroughly after handling.

P280

Wear protective gloves.

P302+P352

IF ON SKIN: Wash with plenty of water/...

P321

Specific treatment (see ... on this label).

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

Other hazards which do not result in classification

Unknown

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Calcium sulfate dihydrate (CAS no.: 10101-41-4)	97.5 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Lignosulfonic acid, calcium salt (CAS no.: 8061-52-7)	2 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Anionic Polyacrylamide	0.5 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice

Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.

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.

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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. 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

Personal protective equipment for first-aid responders

Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz.

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.

Protective Gloves: PVC or Neoprene.

Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979)

Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact.

Eye wash and shower facilities should be available.

Most important symptoms/effects, acute and delayed

No information available.

Indication of immediate medical attention and special treatment needed, if necessary

No information available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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

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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.

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

Appearance (physical state, color, etc.)	Brown granular mix
Odor	Mineral
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

Additional properties

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Physical state
Color

Solid
Brown

SECTION 10: Stability and reactivity

Reactivity

None known.

Chemical stability

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

Possibility of hazardous reactions

None known. Not established.

Conditions to avoid

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

Incompatible materials

Strong acids. Strong bases.

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

Polyacrylamide
LD50 Oral - Rat - > 1,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

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

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OSHA = Occupational Safety and Health Administration

Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) - single exposure

Adverse health effects are not expected under normal use.

Specific target organ toxicity (STOT) - repeated exposure

No data available.

Aspiration hazard

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 methods

Product disposal

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

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

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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.

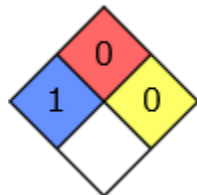
California Prop. 65 Components

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

Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.