



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Pelletized Gypsum

SECTION 1: Identification

GHS Product identifier

Product name	Hi-Yield Pelletized Gypsum
Product number	34755; 34756
Brand	Hi-Yield

Recommended use of the chemical and restrictions on use

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, 2012)

- Eye damage/irritation, Cat. 2A

GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

Hazard statement(s)

H319

Causes serious eye irritation

Precautionary statement(s)

P264

Wash ... thoroughly after handling.

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P305+P351+P338

P337+P313
P102
P103

Wear eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Keep out of reach of children.
Read label before use.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Calcium sulfate dihydrate (CAS no.: 10101-41-4)	85 - 95 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	If symptoms persist, call a physician.
If inhaled	If a person inhales a large amount of nuisance dust, move exposed person to fresh air at once. Other measures are usually unnecessary.
In case of skin contact	In case of skin contact, immediately rinse area with water. Cover irritated area with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention if irritation persists.
In case of eye contact	In case of contact, immediately flush eyes with water for a minimum of 15 minutes. Warm water is recommended but cold water may be used.
If swallowed	Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention of contact poison control center immediately.

Most important symptoms/effects, acute and delayed

No further relevant information available.

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

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use fire fighting measures that suit the environment.

Specific hazards arising from the chemical

No further relevant information available.

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions

No special measures required.

Methods and materials for containment and cleaning up

Dispose of the collected material according to regulations.

Use dry methods to collect spilled materials, and reuse clean materials. Avoid generating dust. Do not clean up with compressed air. Minimize dust by evacuating area downwind in the case of large spills. Store contaminated materials in dry, sealed plastic or non-aluminum metal containers. Residues on surfaces may be washed with water.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

Precautions for safe handling

Ensure proper ventilation, and respiratory and eye protection are used under dusty conditions. Dew point conditions or other conditions causing presence of moisture will harden gypsum during storage. Excessive particulate concentrations in workplace must be avoided even though it is inert and non-toxic.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated location. Do not store near acids 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® (Inhalation): 10 mg/m³ (US/OSHA)

Appropriate engineering controls

No further data; see section 7.

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

Eye/face protection

Safety glasses

Skin protection

Protective gloves

Respiratory protection

NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

SECTION 9: Physical and chemical properties

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Appearance (physical state, color, etc.)	Brown
Odor	Slight
Odor threshold	None known
pH	6.72
Melting point/freezing point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	2.6-2.75 g/cc
Solubility(ies)	Negligible
Partition coefficient: n-octanol/water	No information available.
Auto-ignition temperature	Product is not self-igniting.
Decomposition temperature	No information available.
Viscosity	No information available.
Additional properties	
Physical state	Solid
Color	Brown
Explosive properties	Product does not present an explosion hazard.

SECTION 10: Stability and reactivity

Reactivity

No further relevant information available.

Chemical stability

Product is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reactions known.

Conditions to avoid

Items listed under Incompatibility.

Incompatible materials

Aluminum (at high temperatures), diazomethane

Hazardous decomposition products

When heated to high temperatures above 825°C, gypsum may emit toxic fumes of oxides of sulfur and calcium.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values that are relevant for classification: No data available.

Skin corrosion/irritation

No irritating effect.

Serious eye damage/irritation

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Irritating effect.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No information available.

Carcinogenicity

- IARC (International Agency for Research on Cancer):
None of the ingredients are listed.
- NTP (National Toxicology Program):
None of the ingredients are listed.
- OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.

Reproductive toxicity

No information available.

Specific target organ toxicity (STOT) - single exposure

No information available.

Specific target organ toxicity (STOT) - repeated exposure

No information available.

Aspiration hazard

No information available.

Additional information

No non-standard sources for toxicological information where used.

SECTION 12: Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Other adverse effects

Generally not hazardous for water.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Recommended cleansing agent: Water, if necessary with cleansing agents.

Packaging disposal

Disposal must be made according to official regulations.

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Waste treatment

Observe all federal, state and local environmental regulations when disposing of this material.

SECTION 14: Transport information

DOT (US)

Non-Regulated Material

IMDG

Non-Regulated Material

IATA

Non-Regulated Material

SECTION 15: Regulatory information

HMIS Rating

Hi-Yield Pelletized Gypsum	
HEALTH	2
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

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