



**VOLUNTARY PURCHASING GROUPS, INC.**

## Safety Data Sheet Hi-Yield Fast Acting Lime

---

### SECTION 1: Identification

#### Product identifier

Product name Hi-Yield Fast Acting Lime  
Product number 32132; 32134  
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

# Safety Data Sheet

## Hi-Yield Fast Acting Lime

|      |                                  |
|------|----------------------------------|
| H320 | Causes eye irritation            |
| H335 | May cause respiratory irritation |
| H303 | May be harmful if swallowed      |

### Precautionary statement(s)

|      |                       |
|------|-----------------------|
| P261 | Avoid breathing dust. |
|------|-----------------------|

### Other hazards which do not result in classification

Unknown

---

## SECTION 3: Composition/information on ingredients

### Mixtures

### Hazardous components

#### 1. Calcium carbonate (Natural)

|               |                 |
|---------------|-----------------|
| Concentration | 97.5 % (weight) |
| CAS no.       | 1317-65-3       |

#### 2. Lignosulfonic acid, calcium salt

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

#### 3. Anionic Polyacrylamide

|               |                |
|---------------|----------------|
| Concentration | 0.5 % (weight) |
|---------------|----------------|

---

## 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.<br>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.<br>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.<br>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.  |

# Safety Data Sheet

## Hi-Yield Fast Acting Lime

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 Carbonate, Total dust (CAS: 1317-65-3)

PEL (Inhalation): 15 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV (Inhalation): 10 mg/m<sup>3</sup> (ACGIH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 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

# Safety Data Sheet

## Hi-Yield Fast Acting Lime

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/m<sup>3</sup>.

---

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Appearance/form (physical state, color, etc.) | Light brown granule |
| 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

# Safety Data Sheet

## Hi-Yield Fast Acting Lime

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

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**

# Safety Data Sheet

## Hi-Yield Fast Acting Lime

### 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

#### 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.

#### New Jersey Right To Know Components

Common name: CALCIUM CARBONATE

CAS number: 1317-65-3

#### Pennsylvania Right To Know Components

Chemical name: Limestone

CAS number: 1317-65-3

#### Massachusetts Right To Know Components

Calcium carbonate (limestone) is listed by the Massachusetts Right to Know Act.

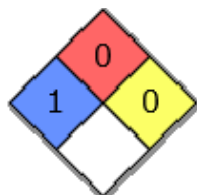
#### California Prop. 65 Components

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

### HMIS Rating

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

### NFPA Rating



---

## SECTION 16: Other information

**Safety Data Sheet**  
**Hi-Yield Fast Acting Lime**