



## VOLUNTARY PURCHASING GROUPS, INC.

### Safety Data Sheet Hi-Yield Muriate of Potash

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#### SECTION 1: Identification

##### Product identifier

Product name Hi-Yield Muriate of Potash

Substance name Potassium Chloride

##### 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

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#### SECTION 2: Hazard identification

##### Classification of the substance or mixture

- Skin corrosion/irritation (chapter 3.2), Cat. 1
- Eye damage/irritation (chapter 3.3), Cat. 1

##### GHS label elements, including precautionary statements

##### Pictogram



##### Signal word

**Warning**

##### Hazard statement(s)

H335

H317

H303+H313

May cause respiratory irritation

May cause an allergic skin reaction

May be harmful if swallowed or in contact with skin

# Safety Data Sheet

## Hi-Yield Muriate of Potash

Other hazards which do not result in classification

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### SECTION 3: Composition/information on ingredients

#### Substances

Substance name	Potassium Chloride
Formula	KCl
Other names / synonyms	Potassium chloride (KCl)

#### Hazardous components

##### 1. POTASSIUM CHLORIDE

Concentration	95 - 98 % (Weight)
CAS no.	7447-40-7

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### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

General advice	In case of persisting adverse effects consult a physician.
If inhaled	Remove to fresh air.
In case of skin contact	In case of irritation, remove clothing. Wipe excess from skin. Wash with soap and water for at least 5 minutes.
In case of eye contact	Flush eyes with plenty of water, lifting lower and upper eyelids occasionally.
If swallowed	Induce vomiting. Never give anything by mouth (oral) to an unconscious person.

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### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Any mean suitable for extinguishing surrounding fire. Spray water for small fires. For large fires flood with abundant water.

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### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment (Section 8).

#### Environmental precautions

Do not discharge into drains. Avoid surface and ground water contamination.

#### Methods and materials for containment and cleaning up

Pick up the product mechanically and store in a normal container for recovery or disposal.

# Safety Data Sheet

## Hi-Yield Muriate of Potash

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### SECTION 7: Handling and storage

#### Precautions for safe handling

Minimize dust generation. Avoid contact with eyes and skin.

#### Conditions for safe storage, including any incompatibilities

Special Requirements : Keep the product in the original containers.

Storage Conditions : Keep containers closed in well ventilated and cool place.

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### SECTION 8: Exposure controls/personal protection

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

##### Body protection

Personal Protective Equipment:

Wear nitrile rubber gloves (over 0.11 mm thickness, > 480 min breakthrough time), and chemical safety goggles.

Hygiene Measures:

Do not drink, eat or smoke during product manipulation. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form	Granular Solid
Odor	Odorless
Odor threshold	No data available.
pH	5.5-8.0
Melting point/freezing point	1575 °C
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	Water: 357 g/L (25 °C ) (only for crystalline material)
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

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### SECTION 10: Stability and reactivity

# Safety Data Sheet

## Hi-Yield Muriate of Potash

### Chemical stability

Stable under normal use and storage conditions.

### Possibility of hazardous reactions

Contact with strong acid may produce hydrogen chloride gas.

### Hazardous decomposition products

None.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

No toxicity data are available for the mixture. Individual components data are presented. None of the components has been listed as a carcinogenic agent.

Compound	Accute oral toxicity (DL50, rat)
KCl	2600 mg/Kg

#### Skin corrosion/irritation

Can cause skin and eye irritation.

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## SECTION 12: Ecological information

### Toxicity

#### General

Do not discharge into drains and water or public depositories.

#### Environmental Fate

In aquatic compartments, ions are mobile. Bioaccumulation is not expected. Sodium and Potassium binds to clay particles in the soil.

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## SECTION 13: Disposal considerations

### Disposal of the product

Contact your local permitted disposal site. Always contact a licensed waste disposal service to assure compliance with all regulations.

### Disposal of contaminated packaging

Empty containers may be reused after appropriate cleansing. Packaging that can not be cleaned should be disposed in agreement with the regional waste disposal company.

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## SECTION 14: Transport information

### DOT (US)

Proper Shipping Name:

None

Non-Hazardous for Transport:

This substance is considered to be non-hazardous for transport.

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**Safety Data Sheet**  
**Hi-Yield Muriate of Potash**

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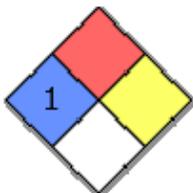
**SECTION 15: Regulatory information**

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

**SARA 302 Components**

None.

**NFPA Rating**



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**SECTION 16: Other information**

No data available.