

MATERIAL SAFETY DATA SHEET



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

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Hi-Yield® Muriate of Potash

Effective Date: May 24, 2012

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Hi-Yield® Muriate of Potash

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

2. COMPOSITION/INFORMATION ON INGREDIENTS:

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Potassium Chloride	7447-40-7	60%	Not established	Not established

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.

TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

3. PHYSICAL DATA:

Boiling Point: 1411 degrees C
Specific Gravity (H₂O=1): 2 @ 20 degrees C
Vapor Pressure: Not established
Percent Volatile by Volume: Not established
Vapor Density: Not established
Evaporation Rate: Not established
Solubility in Water: Slight
Reactivity in Water: Does not apply
Appearance and Odor: White/brown granular solid; no odor

4. FIRE AND EXPLOSION DATA:

Flash Point: Does not apply
Flammable Limits in Air: Lower: Does not apply Upper: Does not apply
Extinguishing Media: Nonflammable- use fire extinguisher suitable for the surrounding fire
Auto Ignition Temperature: Does not apply
Unusual Fire and Explosion Hazards: Does not apply
Special Fire Fighting Procedures: Does not apply

5. HEALTH INFORMATION:

Primary Routes of Exposure and Target Organs: Eyes, skin, upper respiratory tract, gastrointestinal tract

Signs and Symptoms of Exposure

- Acute Overexposure:** EYE CONTACT: Irritation, stinging. SKIN CONTACT: Irritation, stinging. INHALATION: Irritation, coughing, sneezing.
- Chronic Overexposure:** None determined.

Medical Conditions Generally Aggravated by Exposure: Kidney disorders

Chemical/Component Listed as Carcinogen or Potential Carcinogen: None.

NTP: No **IARC:** No **OSHA:** No

Other Exposure Limits:

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Toxicity is similar to sodium chloride (table salt) LD50 (mouse)

Emergency and First Aid Procedures: EYE CONTACT: Flush with water for 15 minutes. Seek medical attention if irritation persists. SKIN CONTACT: Remove contaminated clothing. Flush with water for several minutes. Seek medical attention if irritation persists. INGESTION: Seek medical attention immediately. Give one to two glasses of water and induce vomiting. INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

6. REACTIVITY DATA:

Stability: Stable
Conditions to avoid: Contact with incompatible materials
Incompatibility (Materials to Avoid): Bromine trifluoride, potassium permanganate and sulfuric acid.
Hazardous Decomposition Products: None determined
Hazardous Polymerization: Will not occur

7. SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is leaked or spilled: Wear protective equipment if needed (see Section 8). Sweep into labeled container for disposal.

Waste disposal method: Dispose of in accordance with Federal, State, and local regulations.

8. PERSONAL PROTECTIVE INFORMATION:

Respiratory Protection: NIOSH/MSHA approved respirator for dust.

Ventilation: Use in well-ventilated area

Protective Gloves: If skin contact is likely to occur

Eye Protection: Safety goggles.

Other Protective Clothing or Equipment: None determined.

9. SPECIAL PRECAUTIONS:

Precautions to be taken in Handling & Storage: Keep container closed when not in use.

Other precautions: Wash thoroughly after handling.

10. TRANSPORT INFORMATION:

Not regulated by DOT or IMDG.

11. OTHER INFORMATION:

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document.