SAFETY DATA SHEET: POTASH, SULFURATED

1. IDENTIFICATION

Product Name: POTASH, SULFURATED
Synonyms: Liver of sulfur; Sulfurated potash
Formula and Formula Weight: Mixture NA
Integra numbers beginning with: P624.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification:
Acute Toxicity - Oral: 3 - Toxic if swallowed.
Skin Corrosion/Irritation: 2 - Causes skin irritation.
Eye Damage/Irritation: 2B - Causes eye irritation.
Specific Target Organ Toxicity (single exposure): 3 - May cause respiratory irritation.

Signal Word: Danger

Precautionary Statements
Prevention:
Avoid breathing dust, fume, gas, mist, vapors, spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.

Response
If swallowed: Rinse mouth. Immediately call a poison center, doctor.
If on skin: Wash with plenty of water.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center, doctor if you feel unwell.
Specific treatment (see first aid section on this label)
If skin irritation occurs: Get medical advice, attention.
If eye irritation persists: Get medical advice, attention.
Take off contaminated clothing and wash it before reuse.

Storage
Store in a well ventilated place. Keep container tightly closed.
Store locked up.

Disposal
Dispose of contents, container in accordance with all governmental regulations.

Hazard Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfurated potash</td>
<td>Liver of sulfur</td>
<td>39365-88-3</td>
<td>100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult administer oxygen. Seek medical attention.

Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. If irritation persists, seek medical attention.

Skin Contact: Flush skin with plenty of water. Seek medical attention if irritation develops.

Ingestion: Rinse mouth and give victim large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
5. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:
Odor: Faint hydrogen sulfide odor
Odor Threshold: Not available
pH: Not available
Partition Coefficient: n-octanol/water: Not available
Decomposition Temperature: Not available
Viscosity: Not available
Appearance: Yellow-brown to brown lumps
Melting/Freezing Point: Not available
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammable or Explosive
  Limits (% by volume in air)
    Upper: Not available
    Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: Not available
Solubility: Freely soluble in water
Partition Coefficient: n-octanol/water: Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

6. FIRE-FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: High dust concentrations may ignite in the presence of an ignition source. Decomposition may produce toxic sulfur dioxide and hydrogen sulfide fumes.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH Exposure Limits:

  Sulfurated potash
    OSHA TWA: 15 mg/m3 (as dust)  ACGIH TWA: 10 mg/m3 (as dust)

Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure.
Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers.
Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow-brown to brown lumps
Odor: Faint hydrogen sulfide odor
Odor Threshold: Not available
pH: Not available
Melting/Freezing Point: Not available
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Flammable solid
Flammable or Explosive
  Limits (% by volume in air)
    Upper: Not available
    Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: Not available
Solubility: Freely soluble in water
Partition Coefficient: n-octanol/water: Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Excessive dusting, especially in the presence of ignition sources. Exposure to air, heat, flames. Contact with acids or steam may produce flammable, explosive, poisonous hydrogen sulfide gas.
Incompatibles: Incompatible with strong acids and strong oxidizers. Alcohols, reducing agents, combustible materials, most common metals, zinc, aluminum, halogens and halogenated organic compounds, carbonated waters, acid salts, combustible materials.
11. TOXICOLOGICAL INFORMATION

**Effects of Over Exposure:**

- **Inhalation:** Harmful if inhaled. Irritating to the nose and throat and respiratory system. Overexposure may cause coughing, difficulty in breathing and chest pains.
- **Skin Contact:** Contact may cause irritation or burns.
- **Eye Contact:** May irritate or burn the eyes.
- **Ingestion:** Harmful if swallowed. Ingestion may cause nausea, vomiting and gastrointestinal irritation and burns to the mouth and throat. Hydrogen sulfide may be formed in the stomach and absorbed.

- **Chronic Effects:** No information available
- **Target Organs:** No information available
- **Additional Effects:** No information available
- **Reproductive Effects:** No information available
- **Carcinogenicity:** None identified

**Toxicity Data:**

- Sulfurated potash: No information available

12. ECOLOGICAL INFORMATION

- **Aquatic Toxicity Data:**
  - Sulfurated potash: No information available

- **Terrestrial Toxicity Data:**
  - Sulfurated potash: No information available

- **Persistence and degradability:** No information available
- **Bioaccumulative potential:** No information available
- **Mobility in soil:** No information available
- **Other adverse effects:** No information available

13. DISPOSAL CONSIDERATIONS

- **Disposal Procedures:** Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

- This product is not a regulated material for domestic ground transportation.

- **Environmental hazards:** No information available
- **Special precautions:** No information available
- **Bulk transport:** No information available

15. REGULATORY INFORMATION

- Sulfurated potash is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHAD #: 26132 rev 101 3/27/2015

**NE = Not established, NA = Not applicable or Not available**

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***** END OF SDS *****