1. IDENTIFICATION

Product Name: POTASSIUM PERMANGANATE, Solutions to 1.0 N or 3.2%

Synonyms: 

Formula and Formula Weight: Mixture NA

Integra numbers beginning with: P780.8N P780.9A P780.9B P780.9C P780.9D P780.9E P780.9F P780.9G P780.9H P780.9J P780.9K P780.9L

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)

INTEGRA Chemical Company
1216 6th Ave N
Kent  WA  98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification:
Acute Toxicity - Oral

Signal Word: Warning

Precautionary Statements
Prevention:
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

Response
If swallowed: Call a poison center, doctor if you feel unwell.
Rinse mouth.

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>Water</td>
<td></td>
<td>07732-18-5</td>
<td>&gt;96.8</td>
</tr>
<tr>
<td>Potassium Permanganate</td>
<td>Permanganic acid potassium salt; Permanganate of potash</td>
<td>07722-64-7</td>
<td>&lt;3.2</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and 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.

Additional notes: Symptoms and effects include skin, eye irritation; nausea, vomiting, gastrointestinal irritation, burns to the mouth and throat, methemoglobinemia, psychological disturbances.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: None identified
Hazardous combustion products: None known

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Prevent spread of spill. Absorb with sand or inert material. Sweep or scoop into a disposal container. Flush spill area with water.

7. HANDLING AND STORAGE

Incompatible Materials: No information available
Storage and Handling: Store in a cool, dry area. Keep closed and protect containers from physical damage.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA SDS #: 26225 rev 101  3/27/2015  POTASSIUM PERMANGANATE, Solutions to 1.0 N or 3.2%
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, purple liquid
Odor: No 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: Not available
Flammable or Explosive: Upper: Not available
Limits (% by volume in air): Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: Not available
Solubility: Miscible with 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: None identified
Incompatibles: None identified
Decomposition Products: None known

11. TOXICOLOGICAL INFORMATION

Effects of Over Exposure:
Inhalation: No harmful effects expected
Skin Contact: Contact may cause skin irritation.
Eye Contact: Contact may be irritating to the eyes.
Ingestion: May be harmful if swallowed. Ingestion of potassium permanganate may cause nausea, vomiting, gastrointestinal irritation, burns to the mouth and throat, methemoglobinemia, psychological disturbances.
Chronic Effects: Organ damage.
Target Organs: Kidneys, blood, respiratory system, central nervous system. Liver, skin.
Additional Effects: None identified
Reproductive Effects: This material may cause adverse reproductive effects.
Carcinogenicity: None identified

Toxicity Data:
Water: No information available
Potassium Permanganate: LDLo (oral, human) 143 mg/kg
LD50 (subcutaneous, mouse) 500 mg/kg
LD50 (oral, rat) 1090 mg/kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data: Terrestrial Toxicity Data:
Water: No information available No information available
Potassium Permanganate: LC50 Rainbow trout: 0.3 - 0.6 mg/L - 96h; No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
The information presented above is offered for informational purposes only. This SDS, and the associated product, is intended for use only by technically qualified persons, and at their own discretion and risk. Since conditions and manner of use are outside the control of Integra Chemical Company, we make no warranties, either expressed or implied, and assume no liability in connection with any use of this information.

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