1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers
Product name: Potassium permanganate
Description: minimum as KMnO₄

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Chemical oxidation of organic compounds for remediation

1.3 Details of the supplier of the safety data sheet
Company: Compass Remediation Chemicals
2028 East Ben White Blvd
#240-1974
Austin, TX 78741
Telephone: (866) 221-9167

1.4 Emergency telephone number
Emergency Phone #: CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Oxidizing liquids (Category 2), H272
Acute toxicity, Oral (Category 4), H302
Skin corrosion (Category 1B), H314
Serious eye damage (Category 1), H318
Specific target organ toxicity, single exposure (Category 1, Respiratory System)
Specific target organ toxicity, repeated exposure (Category 1, Respiratory System, Central Nervous System)
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410
For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram
Signal word Danger
Hazard statement(s)

H272 May intensify fire; oxidizer.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H370 Causes damage to organs (Respiratory System)
H372 Causes damage to organs (Respiratory System, Central Nervous System) through prolonged or repeated exposure
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210 Keep away from heat.
P220 Keep/store away from clothing/combustible materials.
P221 Take any precaution to avoid mixing with combustibles.
P260 Do not breathe dust.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all Contaminated clothing. Rinse skin with water/ shower.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (see supplemental first aid instructions on this label).
P363 Wash contaminated clothing before reuse.
P370 + P378 In case of fire: Use water for extinction.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substances</th>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Permanganate</td>
<td>7722-64-7</td>
<td>&gt; 97.5</td>
<td></td>
</tr>
</tbody>
</table>

Composition comments
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST AID MEASURES

4.1 Description of first aid measures

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Get medical attention immediately.

**Skin contact**
Take off immediately all contaminated clothing. Immediately flush skin with plenty of water. Get medical attention immediately. Wash contaminated clothing before reuse.

Contact with skin may leave a brown stain of insoluble manganese dioxide. This can be easily removed by washing with a mixture of equal volume of household vinegar and 3% hydrogen peroxide, followed by washing with soap and water.

**Eye contact**
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids wide apart. Continue rinsing. Get medical attention immediately.

**Ingestion**
Immediately rinse mouth and drink plenty of water. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately.

4.2 Most important symptoms/effects, acute and delayed
Contact with this material will cause burns to the skin, eyes and mucous membranes. Permanent eye damage including blindness could result.

4.3 Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Decomposition products are alkaline. Brown stain is insoluble manganese dioxide.
General information
In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. For personal protection, see Section 8 of the SDS. Wash contaminated clothing before reuse.

5. FIREFIGHTING MEASURES

5.1 Suitable extinguishing media
Flood with water from a distance, water spray or fog.

Unsuitable extinguishing media
The following extinguishing media are ineffective: Dry chemical. Foam. Carbon dioxide (CO2). Halogenated materials.

5.2 Specific hazards arising from the chemical
May intensify fire; oxidizer. May ignite combustibles (wood, paper, oil, clothing, etc.). Contact with incompatible materials or heat (135 °C / 275 °F) could result in violent exothermic chemical reaction. Oxidizing agent, may cause spontaneous ignition of combustible materials. By heating and fire, corrosive vapors/gases may be formed.

5.3 Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire-fighting equipment/instructions
Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Dike fire control water for later disposal. Water runoff can cause environmental damage.

General fire hazards
The product is not flammable. May intensify fire; oxidizer. May ignite combustibles (wood, paper, oil, clothing, etc.). Contact with incompatible materials or heat (135 °C / 275 °F) could result in violent exothermic chemical reaction.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of
vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Local authorities should be advised if significant spillages cannot be contained.

6.2 **Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 **Methods and materials for containment and cleaning up**
Keep combustibles (wood, paper, oil, etc.) away from spilled material. Should not be released into the environment. This product is miscible in water. Stop leak if possible without any risk. Dike the spilled material, where this is possible. Clean up spills immediately by sweeping or shoveling up the material. Do not return spilled material to the original container; transfer to a clean metal or plastic drum. To clean up potassium permanganate solutions, follow either of the following two options:

Option # 1: Dilute to approximately 6% with water, and then reduce with sodium thiosulfate, a bisulfite or ferrous salt solution. The bisulfite or ferrous salt may require some dilute sulfuric acid (10% w/w) to promote reduction. Neutralize with sodium carbonate to neutral pH, if acid was used. Decant or filter and deposit sludge in approved landfill. Where permitted, the sludge may be drained into sewer with large quantities of water.

Option # 2: Absorb with inert media like diatomaceous earth or inert floor dry, collect into a drum and dispose of properly. Do not use saw dust or other incompatible media. Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to permanganates.

To clean contaminated floors, flush with abundant quantities of water into sewer, if permitted by federal, state, and local regulations. If not, collect water and treat as described above.

6.4 **Reference to other sections**
For disposal see section 13.

7. **HANDLING AND STORAGE**

7.1 **Precautions for safe handling**
Take any precaution to avoid mixing with combustibles. Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe dust or mist or vapor of the solution. Use personal protective equipment as recommended in Section 8 of the SDS. If clothing becomes contaminated, remove and wash off immediately. Spontaneous ignition may occur in contact with cloth or paper. When using, do not eat, drink or
smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid release to the environment.

7.2 Conditions for safe storage, including any incompatibilities
Store locked up. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry place. Store away from incompatible materials (See Section 10). Store in accordance with NFPA 430 requirements for Class II oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Permanganate (CAS 7722-64-7)</td>
<td>Ceiling</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Permanganate (CAS 7722-64-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.02 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Permanganate (CAS 7722-64-7)</td>
<td>STEL</td>
<td>3 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Follow standard monitoring procedures.

8.2 Exposure controls

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. An eye wash and safety shower must be available in the immediate work area.

Personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles). Wear face shield if there is risk of splashes.
Skin protection
Hand protection
Wear chemical-resistant, impervious gloves. Use protective gloves made of: Rubber or plastic. Suitable gloves can be recommended by the glove supplier.

Other
Wear appropriate chemical resistant clothing. Rubber or plastic apron.

Respiratory protection
In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134.

Measurement Element: Manganese (Mn)

10 mg/m³
Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering face pieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100 or P100.
Any supplied-air respirator.

25 mg/m³
Any supplied-air respirator operated in a continuous-flow mode.
Any powered, air-purifying respirator with a high-efficiency particulate filter.

50 mg/m³
Any air-purifying, full-face piece respirator equipped with an N100, R100, or P100 filter.
Any supplied-air respirator with a tight-fitting face piece that is operated in a continuous-flow mode.

Respiratory protection cont.
Any powered, air-purifying respirator with a tight-fitting face piece and a high-efficiency particulate filter.
Any self-contained breathing apparatus with a full face piece. Any supplied-air respirator with a full face piece.

500 mg/m³
Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode.
Emergency or planned entry into unknown concentrations or IDLH conditions -
Any self-contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-pressure mode.

Escape
Any air-purifying, full-face piece respirator equipped with an N100, R100, or P100 filter. Any appropriate escape-type, self-contained breathing apparatus.

**Thermal hazards**
Wear appropriate thermal protective clothing, when necessary.

**General hygiene Considerations**
When using, do not eat, drink or smoke. Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Appearance Form</td>
<td>Dark purple solid with metallic luster.</td>
</tr>
<tr>
<td>b) Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>c) Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>d) pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>e) Melting point/freezing point</td>
<td>Starts to decompose with evolution of oxygen (O2) at temperatures above 150 °C. Once initiated, the decomposition is exothermic and self-sustaining.</td>
</tr>
<tr>
<td>f) Initial boiling point and boiling range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>g) Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>h) Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>i) Flammability (solid, gas)</td>
<td>Non flammable</td>
</tr>
<tr>
<td>j) Upper/lower flammability or explosive limits</td>
<td>Not applicable</td>
</tr>
<tr>
<td>k) Vapor pressure</td>
<td>&lt; 0 kPa at 25°C</td>
</tr>
<tr>
<td>l) Vapor density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>m) Relative density</td>
<td>2.7 (20 °C) ( Water = 1)</td>
</tr>
<tr>
<td>n) Water solubility</td>
<td>6 % (20 °C)</td>
</tr>
<tr>
<td>o) Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>p) Auto-ignition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
q) Decomposition temperature
464 °F (240 °C)
r) Viscosity
No data available

Other Information
Density
2.70 g/cm³
Explosive properties
Not explosive. Can explode in contact with sulfuric acid, peroxides, and metal powders.
Molecular formula
H-Mn-O₄.K
Molecular weight
158.03 g/mol
Oxidizing properties
Strong oxidizing agent.

10. STABILITY AND REACTIVITY

10.1 Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability
Stable at normal conditions.

10.3 Possibility of hazardous reactions
Contact with combustible material may cause fire. Can explode in contact with sulfuric acid, peroxides and metal powders. Starts to decompose with evolution of oxygen (O₂) at temperatures above 150 °C. Once initiated, the decomposition is exothermic and self-sustaining.

10.4 Conditions to avoid
Contact with incompatible materials or heat (135 °C / 275 °F) could result in violent exothermic chemical reaction.

10.5 Incompatible materials

10.6 Hazardous decomposition products
By heating and fire, corrosive vapors/gases may be formed.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Information on likely routes of exposure
Ingestion Harmful if swallowed.
Inhalation May cause irritation to the respiratory system.
Skin contact  Causes severe skin burns.
Eye contact  Causes serious eye damage.

**Symptoms related to the physical, chemical and toxicological characteristics**
Contact with this material will cause burns to the skin, eyes and mucous membranes. Permanent eye damage including blindness could result.

**Information on toxicological effects**

**Acute toxicity**
Harmful if swallowed.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium permanganate (CAS 7722-64-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>2000 mg/kg</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>2000 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
Causes severe skin burns.

**Serious eye damage/eye irritation**
Causes serious eye damage

**Respiratory or skin sensitization**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Respiratory sensitization</strong></td>
<td>Not classified.</td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td>Not classified.</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Not classified.</td>
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<tr>
<td><strong>Carcinogenicity</strong></td>
<td>Not classified.</td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td>Not classified.</td>
</tr>
</tbody>
</table>

**Specific target organ toxicity - single exposure**
Causes damage to organs (respiratory system).

**Specific target organ toxicity - repeated exposure**
Causes damage to organs (respiratory system, central nervous system) through prolonged or repeated exposure.

**Aspiration hazard**
Not classified.

**Chronic effects**
May cause damage to respiratory system. Prolonged exposure, usually over many years, to manganese oxide fume/dust can lead to chronic manganese poisoning, chiefly affecting the central nervous system. Chronic effects Chronic effects are not expected when this product is used as intended.
12. ECOLOGICAL INFORMATION

12.1 Toxicity
Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability
Expected to be readily converted by oxidizable materials to insoluble manganese oxide.

12.3 Bioaccumulative potential
Potential to bioaccumulate is low.

12.4 Mobility in soil
The product is miscible with water. May spread in water systems.

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
None known.

13. DISPOSAL CONSIDERATIONS

Disposal instructions
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code
D001: Ignitable waste
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues/Unused products
Do not allow this material to drain into sewers/water supplies.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Rinse container at least three times to an absence of pink color before disposing. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 1490      Class: 5.1      Packing group: II
Proper shipping name: Potassium permanganate
<table>
<thead>
<tr>
<th><strong>Special precautions for user</strong></th>
<th>Read safety instructions, SDS and emergency procedures before handling.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Special provisions</strong></td>
<td>IB8, IP2, IP4, T3, TP33</td>
</tr>
<tr>
<td><strong>Packaging exceptions</strong></td>
<td>152</td>
</tr>
<tr>
<td><strong>Packaging non bulk</strong></td>
<td>212</td>
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<tr>
<td><strong>Packaging bulk</strong></td>
<td>240</td>
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**IATA**

<table>
<thead>
<tr>
<th><strong>UN number</strong></th>
<th>UN1490</th>
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<tbody>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td>Potassium permanganate</td>
</tr>
<tr>
<td><strong>Transport hazard class(es)</strong></td>
<td>5.1</td>
</tr>
<tr>
<td><strong>Class</strong></td>
<td>5.1</td>
</tr>
<tr>
<td><strong>Subsidiary risk</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Label(s)</strong></td>
<td>5.1</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>II</td>
</tr>
<tr>
<td><strong>Environmental hazards</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>ERG Code</strong></td>
<td>5L</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td>Read safety instructions, SDS and emergency procedures before handling.</td>
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**IMDG**

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<th><strong>UN number</strong></th>
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<td><strong>UN proper shipping name</strong></td>
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<tr>
<td><strong>Transport hazard class(es)</strong></td>
<td>5.1</td>
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<tr>
<td><strong>Class</strong></td>
<td>5.1</td>
</tr>
<tr>
<td><strong>Subsidiary risk</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Label(s)</strong></td>
<td>5.1</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>II</td>
</tr>
<tr>
<td><strong>Environmental hazards</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Marine pollutant</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>EmS</strong></td>
<td>F-H, S-Q</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td>Read safety instructions, SDS and emergency procedures before handling.</td>
</tr>
<tr>
<td><strong>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</strong></td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

Drug Enforcement Administration (DEA) (21 CFR 1310.02 (b) 8: List II chemical.


**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.


Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Potassium permanganate (CAS 7722-64-7) LISTED

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard - Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Delayed Hazard - Yes</td>
</tr>
<tr>
<td></td>
<td>Fire Hazard – Yes</td>
</tr>
<tr>
<td></td>
<td>Pressure Hazard - No</td>
</tr>
<tr>
<td></td>
<td>Reactivity Hazard - No</td>
</tr>
</tbody>
</table>

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

Yes

**SARA 313 (TRI reporting)**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
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</thead>
<tbody>
<tr>
<td>Potassium Permanganate</td>
<td>7722-64-7</td>
<td>&gt; 97.5</td>
</tr>
</tbody>
</table>

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Potassium permanganate (CAS 7722-64-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)**

Not regulated.
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Potassium permanganate (CAS 7722-64-7) 6579

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Potassium permanganate (CAS 7722-64-7) 15 % wt

DEA Exempt Chemical Mixtures Code Number
Potassium permanganate (CAS 7722-64-7) 6579

US state regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
California OSH Hazardous Substance List: Listed.

US. Massachusetts RTK - Substance List
Potassium permanganate (CAS 7722-64-7)

US. New Jersey Worker and Community Right-to-Know Act
Potassium permanganate (CAS 7722-64-7)

US. Pennsylvania Worker and Community Right-to-Know Law
Potassium permanganate (CAS 7722-64-7)

US. Rhode Island RTK
Potassium permanganate (CAS 7722-64-7)

US. California Proposition 65
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):
Listed substance
Not listed.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.
Acute Tox.    Acute toxicity
Aquatic Acute Acute aquatic toxicity
Aquatic Chronic Chronic aquatic toxicity
Eye Dam.      Serious eye damage
H272          May intensify fire; oxidizer.
H302          Harmful if swallowed.
H314          Causes severe skin burns and eye damage.
H318          Causes serious eye damage.
H400          Very toxic to aquatic life.
H410          Very toxic to aquatic life with long lasting effects.
Ox. Sol.      Oxidizing solids
Skin Corr.    Skin corrosion
NFPA Rating

List of abbreviations
GHS: Globally Harmonized System of Classification and Labeling of hazardous properties of Chemicals.
TWA: Time weighted average. LD50: Lethal Dose, 50%.
LC50: Lethal Concentration, 50%.

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