SECTION 1: Identification

1.1. Identification

Product form: Mixtures
Product name: Potassium Dichromate, 9% w/v
Product code: LC18947

1.2. Recommended use and restrictions on use

Use of the substance/mixture: For laboratory and manufacturing use only.
Recommended use: Laboratory chemicals
Restrictions on use: Not for food, drug or household use

1.3. Supplier

LabChem Inc
Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court
Zelienople, PA 16063 - USA
T 412-826-5230 - F 724-473-0647
info@labchem.com - www.labchem.com

1.4. Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300 or +1-703-741-5970

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Oxidizing liquids Category 3
Acute toxicity (oral) Category 3
H272 Toxic if swallowed
H301 May intensify fire; oxidizer
H332 Harmful if inhaled

Skin corrosion/irritation Category 1B
Serious eye damage/eye irritation Category 1
H314 Causes skin burns and eye damage
H318 Causes serious eye damage

Respiratory sensitization, Category 1
Skin sensitization, Category 1
H334 May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H317 May cause an allergic skin reaction

Germ cell mutagenicity Category 1B
Carcinogenicity Category 1B
Reproductive toxicity Category 1B
 Specific target organ toxicity (repeated exposure) Category 1
H340 May cause genetic defects
H350 May cause cancer
H360 May damage fertility or the unborn child
H372 Causes damage to organs (liver, kidneys, Skin) through prolonged or repeated exposure

Hazardous to the aquatic environment - Acute Hazard Category 2
Hazardous to the aquatic environment - Chronic Hazard Category 2
H401 Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

Full text of H statements: see section 16
# Potassium Dichromate, 9% w/v

## Safety Data Sheet

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## 2.2. GHS Label elements, including precautionary statements

### GHS-US labeling

#### Hazard pictograms (GHS-US):

- GHS03
- GHS05
- GHS08
- GHS09

#### Signal word (GHS-US):

- Danger

#### Hazard statements (GHS-US):

- H272 - May intensify fire; oxidizer
- H301 - Toxic if swallowed
- H314 - Causes severe skin burns and eye damage
- H317 - May cause an allergic skin reaction
- H332 - Harmful if inhaled
- H334 - May cause an allergy or asthma symptoms or breathing difficulties if inhaled
- H340 - May cause genetic defects
- H350 - May cause cancer
- H360 - May damage fertility or the unborn child
- H372 - Causes damage to organs (liver, kidneys, Skin) through prolonged or repeated exposure
- H411 - Toxic to aquatic life with long lasting effects

#### Precautionary statements (GHS-US):

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat. - No smoking.
- P220 - Keep/Store away from clothing, combustible materials
- P221 - Take any precaution to avoid mixing with combustibles
- P260 - Do not breathe mist, vapors, spray.
- P264 - Wash exposed skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, eye protection, face protection.
- P284 - Wear respiratory protection.
- 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
- P308+P313 - IF exposed or concerned: Get medical advice/attention.
- P310 - Immediately call a poison center or doctor/physician.
- P363 - Wash contaminated clothing before reuse.
- P391 - Collect spillage.
- P405 - Store locked up.
- P501 - Dispose of contents/container to comply with local, state and federal regulations

## 2.3. Other hazards which do not result in classification

### Other hazards not contributing to the classification:

- None under normal conditions.

## 2.4. Unknown acute toxicity (GHS US)

### Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

### Not applicable

### 3.2. Mixtures

### Not applicable
### Name
- Water
- Potassium Dichromate

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS-No.) 7732-18-5</td>
<td>91.5</td>
<td>Not classified</td>
</tr>
<tr>
<td>Potassium Dichromate</td>
<td>(CAS-No.) 7778-50-9</td>
<td>8.5</td>
<td>Ox. Sol. 2, H272 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1, H317 Mut. 1B, H340 Carc. 1B, H350 Rep. 1B, H360 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

**First-aid measures general**
- Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

**First-aid measures after inhalation**
- Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**First-aid measures after skin contact**
- Immediately call a poison center or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower.

**First-aid measures after eye contact**
- Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**First-aid measures after ingestion**
- Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

#### 4.2. Most important symptoms and effects (acute and delayed)

**Symptoms/effects**
- Causes severe skin burns and eye damage. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

**Symptoms/effects after inhalation**
- Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Symptoms/effects after skin contact**
- May cause an allergic skin reaction. Burns.

**Symptoms/effects after eye contact**
- Causes serious eye damage.

**Symptoms/effects after ingestion**
- Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

#### 4.3. Immediate medical attention and special treatment, if necessary

Obtain medical assistance.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media**

**Unsuitable extinguishing media**
- Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

**Reactivity**
- Thermal decomposition generates: Corrosive vapors.

### SECTION 6: Accidental release measures

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

**6.1.1. For non-emergency personnel**

**Protective equipment**

**Emergency procedures**
- Evacuate unnecessary personnel.
Potassium Dichromate, 9% w/v
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6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Do not breathe dust, mist. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep only in the original container in a cool, well ventilated place away from combustible materials. Keep container closed when not in use.
Incompatible materials: Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Potassium Dichromate (7778-50-9)</th>
<th>ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
<th>0.05 mg/m³ as Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>0.001 mg/m³ as Cr</td>
</tr>
<tr>
<td>Water (7732-18-5)</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls
Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation. Material should be handled in a laboratory hood whenever possible.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Hand protection:
Wear protective gloves.

Eye protection:
Potassium Dichromate, 9% w/v
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Chemical goggles or face shield

**Skin and body protection:**
Wear suitable protective clothing

**Respiratory protection:**
Dust/aerosol mask with filter type P1

**Other information:**
Do not eat, drink or smoke during use.

**SECTION 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>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>orange</td>
</tr>
<tr>
<td>Odor</td>
<td>None.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>1.059 g/ml</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>0.954 cSt</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**9.2. Other information**
No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**
Thermal decomposition generates: Corrosive vapors.

**10.2. Chemical stability**
Stable under normal conditions.

**10.3. Possibility of hazardous reactions**
Not established.

**10.4. Conditions to avoid**
Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**
### 10.6. Hazardous decomposition products

Contains hexavalent chromium.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Likely routes of exposure**: Skin and eye contact

**Acute toxicity**: Not classified

| Potassium Dichromate, 9% w/v | LD_{50} oral rat | 278 mg/kg |
| Potassium Dichromate (7778-50-9) | LD_{50} oral rat | 25 mg/kg |
| Water (7732-18-5) | LD_{50} oral rat | ≥ 90000 mg/kg |
| ATE US (oral) | 90000 mg/kg body weight |

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

| Potassium Dichromate (7778-50-9) | IARC group | 1 - Carcinogenic to humans |
| National Toxicology Program (NTP) Status | 2 - Known Human Carcinogens |
| In OSHA Hazard Communication Carcinogen list | Yes |
| In OSHA Specifically Regulated Carcinogen list | Yes |

**Reproductive toxicity**: May damage fertility or the unborn child.

**Specific target organ toxicity – single exposure**: Not classified

**Specific target organ toxicity – repeated exposure**: Causes damage to organs (liver, kidneys, Skin) through prolonged or repeated exposure.

**Aspiration hazard**: Not classified

**Potential Adverse human health effects and symptoms**: Based on available data, the classification criteria are not met. Harmful if inhaled. Toxic if swallowed. Fatal in contact with skin.

**Symptoms/effects after inhalation**: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Symptoms/effects after skin contact**: May cause an allergic skin reaction. Burns.

**Symptoms/effects after eye contact**: Causes serious eye damage.

**Symptoms/effects after ingestion**: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
**Potassium Dichromate, 9% w/v**

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### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>Ecology - water</th>
<th>Toxic to aquatic life. Toxic to aquatic life with long lasting effects.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Potassium Dichromate (7778-50-9)</strong></td>
<td></td>
</tr>
<tr>
<td>LC50 fish 1</td>
<td>12.3 mg/l 96 hr.</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>1.4 mg/l 24 hr.</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Potassium Dichromate, 9% w/v</th>
<th>May cause long-term adverse effects in the environment.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Potassium Dichromate (7778-50-9)</strong></td>
<td></td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
<tr>
<td><strong>Water (7732-18-5)</strong></td>
<td></td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Potassium Dichromate, 9% w/v</th>
<th>Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Potassium Dichromate (7778-50-9)</strong></td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
</tr>
<tr>
<td><strong>Water (7732-18-5)</strong></td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

### SECTION 14: Transport information

**Department of Transportation (DOT)**

In accordance with DOT

Transport document description : UN3122 Toxic liquids, oxidizing, n.o.s., 6.1, II

UN-No.(DOT) : UN3122

Proper Shipping Name (DOT) : Toxic liquids, oxidizing, n.o.s.


Packing group (DOT) : II - Medium Danger

Hazard labels (DOT) : 6.1 - Poison inhalation hazard 5.1 - Oxidizer

Dangerous for the environment : Yes
Potassium Dichromate, 9% w/v

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Marine pollutant : Yes

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 243
DOT Symbols : G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31H21). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
DOT Packaging Exceptions (49 CFR 173.xxx) : 153
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 5 L
DOT Vessel Stowage Location : C - The material must be stowed “on deck only” on a cargo vessel and on a passenger vessel.
Other information : No supplementary information available.

Transportation of Dangerous Goods

Transport document description : UN3122 TOXIC LIQUID, OXIDIZING, N.O.S. (Potassium dichromate), 6.1 (5.1), II
UN-No. (TDG) : UN3122
Proper Shipping Name (Transportation of Dangerous Goods) : TOXIC LIQUID, OXIDIZING, N.O.S.
TDG Primary Hazard Classes : 6.1 - Class 6.1 - Toxic Substances
Packing group : II - Medium Danger
TDG Subsidiary Classes : 5.1
TDG Special Provisions : 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a)UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; (b)UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; (c)UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; (d)UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or (e)UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the “Food and Drugs Act”. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a)UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b)UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS. SOR/2014-306
Explosive Limit and Limited Quantity Index : 0.1 L
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 1 L

Transport by sea

Transport document description (IMDG) : UN 3122 TOXIC LIQUID, OXIDIZING, N.O.S. (Potassium dichromate), 6.1 (5.1), II
UN-No. (IMDG) : 3122
Proper Shipping Name (IMDG) : TOXIC LIQUID, OXIDIZING, N.O.S.
Class (IMDG) : 6.1 - Toxic substances
Packing group (IMDG) : II - substances presenting medium danger
Subsidiary risks (IMDG) : 5.1 - Oxidizing substances
## Air transport

<table>
<thead>
<tr>
<th>Transport document description (IATA)</th>
<th>UN 3122 Toxic liquid, oxidizing, n.o.s. (Potassium dichromate), 6.1, II</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (IATA)</td>
<td>3122</td>
</tr>
<tr>
<td>Proper Shipping Name (IATA)</td>
<td>Toxic liquid, oxidizing, n.o.s.</td>
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<tr>
<td>Class (IATA)</td>
<td>6.1 - Toxic Substances</td>
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<tr>
<td>Packing group (IATA)</td>
<td>II - Medium Danger</td>
</tr>
<tr>
<td>Subsidiary risks (IATA)</td>
<td>5.1 - Oxidizer</td>
</tr>
</tbody>
</table>

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<table>
<thead>
<tr>
<th>Potassium Dichromate, 9% w/v</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td>Potassium Dichromate (7778-50-9)</td>
</tr>
<tr>
<td>RQ (Reportable quantity, section 304 of EPA’s List of Lists)</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td>Potassium Dichromate (7778-50-9)</td>
</tr>
<tr>
<td>Physical hazard - Oxidizer (liquid, solid or gas)</td>
</tr>
<tr>
<td>Health hazard - Acute toxicity (any route of exposure)</td>
</tr>
<tr>
<td>Health hazard - Carcinogenicity</td>
</tr>
<tr>
<td>Health hazard - Respiratory or skin sensitization</td>
</tr>
<tr>
<td>Health hazard - Germ cell mutagenicity</td>
</tr>
<tr>
<td>Health hazard - Reproductive toxicity</td>
</tr>
<tr>
<td>Health hazard - Skin corrosion or Irritation</td>
</tr>
<tr>
<td>Health hazard - Specific target organ toxicity (single or repeated exposure)</td>
</tr>
</tbody>
</table>

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

### Potassium Dichromate (7778-50-9)

| CAS-No. 7778-50-9 | 8.5% |

### 15.2. International regulations

#### CANADA

<table>
<thead>
<tr>
<th>Potassium Dichromate (7778-50-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

#### EU-Regulations

No additional information available

#### National regulations

<table>
<thead>
<tr>
<th>Potassium Dichromate (7778-50-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian IDL (Ingredient Disclosure List)</td>
</tr>
</tbody>
</table>

### 15.3. US State regulations
Potassium Dichromate, 9% w/v
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This product can expose you to Potassium Dichromate, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Potassium Dichromate (7778-50-9)

<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
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SECTION 16: Other information
Revision date : 01/31/2018
Other information : None.

Full text of H-phrases: see section 16:

- **H272** May intensify fire; oxidizer
- **H301** Toxic if swallowed
- **H312** Harmful in contact with skin
- **H314** Causes severe skin burns and eye damage
- **H317** May cause an allergic skin reaction
- **H318** Causes serious eye damage
- **H330** Fatal if inhaled
- **H332** Harmful if inhaled
- **H334** May cause an allergy or asthma symptoms or breathing difficulties if inhaled
- **H340** May cause genetic defects
- **H350** May cause cancer
- **H360** May damage fertility or the unborn child
- **H372** Causes damage to organs through prolonged or repeated exposure
- **H400** Very toxic to aquatic life
- **H401** Toxic to aquatic life
- **H410** Very toxic to aquatic life with long lasting effects
- **H411** Toxic to aquatic life with long lasting effects

NFPA health hazard : 4 - Materials that, under emergency conditions, can be lethal.
NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity : 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.
NFPA specific hazard : OX - Materials that posses oxidizing properties.
Potassium Dichromate, 9% w/v
Safety Data Sheet

Hazard Rating

Health: 4 Severe Hazard - Life-threatening, major or permanent damage may result from single or repeated overexposures
* - Chronic (long-term) health effects may result from repeated overexposure

Flammability: 0 Minimal Hazard - Materials that will not burn

Physical: 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Personal protection: J
J - Splash goggles, Gloves, Synthetic apron, Dust & vapor respirator

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