EFFECTS OF ACUTE EXPOSURE TO PRODUCT
Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes. May cause mild skin irritation and or allergic reaction. Prolonged inhalation of vapors may be irritating and cause headaches.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
None known

SECTION 2 - Product and Hazardous Ingredients Information

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>W/W %</th>
<th>Permissible Exposure Limit</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>85-95</td>
<td>Not listed</td>
<td>Not</td>
<td>Not available</td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>123-31-9</td>
<td>&lt;2</td>
<td>OSHA TWA 2 mg/m3</td>
<td>320 mg/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td>7681-57-4</td>
<td>&lt;3</td>
<td>NIOSH TWA 5 mg/m3</td>
<td>2000 mg/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>&lt;3</td>
<td>NIOSH (C) 2 mg/m3</td>
<td>365 mg/kg</td>
<td>Not available</td>
</tr>
</tbody>
</table>

SECTION 3 - Hazards Identification

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes. May cause mild skin irritation and or allergic reaction. Prolonged inhalation of vapors may be irritating and cause headaches.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
None known

SECTION 4 - First Aid Measures

SKIN CONTACT
Wash exposed skin thoroughly with soap and water. If irritation persists seek medical advice.

EYE CONTACT
Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist.

INGESTION
DO NOT induce vomiting. Seek medical attention immediately.

INHALATION
If inhaled, remove to fresh air.

SECTION 5 - Fire Fighting Measures

FLAMMABILITY

YES ☐ NO ☑ IF YES, UNDER WHAT CONDITIONS

MEANS OF EXTINCTION
As needed to extinguish adjacent fire source.

FLASHPOINT (°C) AND METHOD
Not applicable

LOWER FLAMMABLE LIMIT (% BY VOLUME)
Not applicable

AUTOIGNITION TEMPERATURE (°C)
Not applicable

HAZARDOUS COMBUSTION PRODUCTS
See "Hazardous Decomposition Products".

EXPLOSION DATA
Not susceptible

SENSITIVITY TO STATIC DISCHARGE
Not susceptible

SECTION 6 - Accidental Release

Flush to sewer with plenty of water, if permitted. If not, soak up with dry absorbent material. Consult with governmental regulatory agencies for appropriate disposal of this material. Wear appropriate protective equipment.

SECTION 7 - Handling and Storage

Read and follow the label, material safety data sheet, and instructions before using. Avoid any contact with skin and eyes. Keep container tightly closed. Avoid incompatible substances. Wash thoroughly after handling this product.
SECTION 8 - Exposure Controls

VENTILATION: Good general ventilation.

SKIN: Latex or nitrile

EYE: Splash goggles

RESPIRATORY: Not normally required

OTHER: Eye wash station

SECTION 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odor and Appearance</th>
<th>Odor Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Pale red odorless liquid</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VAPOUR PRESSURE (mm Hg)</th>
<th>VAPOUR DENSITY (Air = 1)</th>
<th>EVAPORATION RATE (Water = 1)</th>
<th>BOILING POINT (°C)</th>
<th>FREEZING POINT (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 17 mm Hg</td>
<td>0.6 mm Hg</td>
<td>Not available</td>
<td>≥ 212°F</td>
<td>≤ 32°F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>pH</th>
<th>SPECIFIC GRAVITY</th>
<th>SOLUBLILITY IN WATER (20°C)</th>
<th>COEFF WATER OIL</th>
<th>PERCENT VOLATILE (BY VOLUME)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.20</td>
<td>1.060</td>
<td>Complete</td>
<td>Not available</td>
<td>90-95%</td>
</tr>
</tbody>
</table>

SECTION 10 - Stability and Reactivity Data

CHEMICAL STABILITY: Not available

IF NO, UNDER WHAT CONDITIONS: None known

INCOMPATIBILITY WITH OTHER SUBSTANCES: Mixing with fixer will cause ammonia gas. This will dissipate quickly as pH is neutralized.

REACTIVITY, AND UNDER WHAT CONDITIONS: Stable under ambient pressure and temperature.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION 11 - Toxicological Information

EXPOSURE LIMITS: Hydroquinone 2 mg/m³
Potassium hydroxide 2 mg/m³

IRRITANT OF PRODUCT: Skin: Irritant

SENSITIZATION TO PRODUCT: None known

CARCINOGENICITY: Not listed by IARC, OSHA or ACGIH.

TERATOGENICITY: Not known

REPRODUCTIVE TOXICITY: Not known

MUTAGENICITY: Not known

SYNERGISTIC PRODUCTS: Not known

SECTION 12 - Ecological Information

No data available

SECTION 13 - Disposal Considerations

Dispose of this product in accordance with federal, state and/or local laws.

SECTION 14 - Transportation Information

Not regulated for transportation

SECTION 15 - Regulatory Information

SARA: Reportable quantity (RQ) for Hydroquinone 5000 lb, Potassium hydroxide 1000 lb
SARA Section 304, CERCLA Hazardous components - (None)
SARA Section 302, 304, 313 Hazardous components (None)
Not a controlled product under Canadian WHMIS regulations.

SECTION 16 - Other Information

The information contained in this MSDS is furnished without warranty of any kind. The user should consider this data a supplement to other data gathered and must make an independent determination of suitability from this and other sources to assure proper use and disposal of this material and the health and safety of employees and customers.