**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY**

**Product Identifier**

Product Form: Mixture

Product Name: Avantik Acid Rinse

Product Code: RS4247

Synonyms: Acid Rinse

**Intended Use of the Product**

Histology/Cytology General Use reagent. For professional use only.

**Name, Address, and Telephone of the Responsible Party**

Company

Avantik

36 Commerce Street

Springfield, NJ 07081-1299

t 800.783.9424

f 973-232-0076

[www.avantik-us.com](http://www.avantik-us.com)

**Emergency Telephone Number**

Emergency number: CHEMTREC 800-424-9300 (USA & Canada)

CHEMTREC 703-527-3887 (International)

Non-transport 800-225-8867 (USA)

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification of the Substance or Mixture**

Classification (GHS-US)

Skin Irritation 2 H315

Eye Damage 1 H318

**Label Elements**

GHS-US Labeling

Hazard Pictograms (GHS-US)

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H315 - Causes skin irritation

H318 - Causes serious eye damage

Precautionary Statements (GHS-US)

P264 - Wash hands, forearms, and exposed areas thoroughly after handling.

P280 - Wear eye protection, protective clothing, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

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.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

**Other Hazards** Not available

**Unknown Acute Toxicity (GHS-US)** Not available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixture**

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS No) 7732-18-5</td>
<td>96.3</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acetic acid</td>
<td>(CAS No) 64-19-7</td>
<td>3.7</td>
<td>Flammable Liquid 3, H226</td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
Inhalation: When symptoms occur: go into open air and ventilate suspected area. Assure fresh air breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.
Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes skin irritation. Causes serious eye damage.
Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation.
Eye Contact: Causes serious eye damage.
Ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Repeated or prolonged skin contact may cause dermatitis and defatting.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Powder, alcohol-resistant foam, water spray, carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: Reacts with oxidants increasing fire and explosion hazard.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.
**Avantik Acid Rinse**

Safety Data Sheet
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**Methods and Material for Containment and Cleaning Up**

For Containment: Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulose material.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

**Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Conditions for Safe Storage, Including Any Incompatibilities**

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.


**Specific End Use(s)**

Histology/Cytology General Use reagent. For professional use only.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

<table>
<thead>
<tr>
<th>Acetic acid (64-19-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico OEL TWA (mg/m³)</td>
<td>25 mg/m³</td>
</tr>
<tr>
<td>Mexico OEL TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Mexico OEL STEL (mg/m³)</td>
<td>37 mg/m³</td>
</tr>
<tr>
<td>Mexico OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>USA ACGIH ACGIH TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>USA ACGIH ACGIH STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>USA OSHA OSHA PEL (TWA) (mg/m³)</td>
<td>25 mg/m³</td>
</tr>
<tr>
<td>USA OSHA OSHA PEL (TWA) (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>USA NIOSH NIOSH REL (TWA) (mg/m³)</td>
<td>25 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH NIOSH REL (TWA) (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>USA NIOSH NIOSH REL (STEL) (mg/m³)</td>
<td>37 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH NIOSH REL (STEL) (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>USA IDLH US IDLH (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Alberta OEL STEL (mg/m³)</td>
<td>37 mg/m³</td>
</tr>
<tr>
<td>Alberta OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Alberta OEL TWA (mg/m³)</td>
<td>25 mg/m³</td>
</tr>
<tr>
<td>British Columbia OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>British Columbia OEL TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Manitoba OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Manitoba OEL TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>New Brunswick OEL STEL (mg/m³)</td>
<td>37 mg/m³</td>
</tr>
<tr>
<td>New Brunswick OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>New Brunswick OEL TWA (mg/m³)</td>
<td>25 mg/m³</td>
</tr>
<tr>
<td>New Brunswick OEL TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador OEL TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Nova Scotia OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Nova Scotia OEL TWA (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Nunavut OEL STEL (mg/m³)</td>
<td>39 mg/m³</td>
</tr>
<tr>
<td>Nunavut OEL STEL (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Nunavut OEL TWA (mg/m³)</td>
<td>26 mg/m³</td>
</tr>
</tbody>
</table>

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Safety Data Sheet
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<table>
<thead>
<tr>
<th>Region</th>
<th>OEL STEL (mg/m³)</th>
<th>OEL STEL (ppm)</th>
<th>OEL TWA (mg/m³)</th>
<th>OEL TWA (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nunavut</td>
<td></td>
<td>10 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>39 mg/m³</td>
<td>15 ppm</td>
<td>26 mg/m³</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>39 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>15 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Québec</td>
<td>15 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Québec</td>
<td>10 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>15 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>10 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yukon</td>
<td>43 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yukon</td>
<td>25 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yukon</td>
<td></td>
<td>10 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Exposure Controls**

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection. Protective clothing.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

**Other Information:** When using, do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**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>Appearance</td>
<td>Clear, colorless liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>2 - 3</td>
</tr>
<tr>
<td>Relative Evaporation Rate (butylacetate=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100 °C (212 °F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Avantik Acid Rinse
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Upper Flammable Limit: Not available
Vapor Pressure: Not available
Relative Vapor Density at 20 °C: Not available
Relative Density: 1 (water = 1)
Specific Gravity: Not available
Solubility: Soluble in water
Log Pow: Not available
Log Kow: Not available
Viscosity, Kinematic: Not available
Viscosity, Dynamic: Not available
Explosion Data – Sensitivity to Mechanical Impact: Not available
Explosion Data – Sensitivity to Static Discharge: Not available

SECTION 10: STABILITY AND REACTIVITY
Reactivity: Reacts violently with oxidants causing fire and explosion hazard.
Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight. Extremely high or low temperatures.
Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION
Information on Toxicological Effects - Product
Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Causes skin irritation. (pH: 2 – 3)
Serious Eye Damage/Irritation: Causes serious eye damage. (pH: 2 – 3)
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: Causes skin irritation.
Symptoms/Injuries After Eye Contact: Causes serious eye damage.
Symptoms/Injuries After Ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic Symptoms: Repeated or prolonged skin contact may cause dermatitis and defatting.

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat (mg/l)</th>
<th>ATE (oral)</th>
<th>ATE (dust, mist)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (7732-18-5)</td>
<td>&gt; 90000 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetic acid (64-19-7)</td>
<td>3310 mg/kg</td>
<td>11.4 mg/l/4h</td>
<td>3310.000 mg/kg body weight</td>
<td>11.400 mg/l/4h</td>
</tr>
</tbody>
</table>

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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity


### Acetic acid (64-19-7)

<table>
<thead>
<tr>
<th>Test</th>
<th>LC50 Fish 1</th>
<th>EC50 Daphnia 1</th>
<th>LC 50 Fish 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
<td>65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
<td>75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
</tr>
</tbody>
</table>

### Persistence and Degradability

#### Hi-Lite

**Persistence and Degradability:** The substance is biodegradable. Unlikely to persist.

### Bioaccumulative Potential

#### Hi-Lite

**Bioaccumulative Potential:** Not expected to bioaccumulate.

<table>
<thead>
<tr>
<th>Acetic acid (64-19-7)</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-0.31 (at 20 °C)</td>
</tr>
</tbody>
</table>

### Mobility in Soil

Not available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance With ICAO/IATA/DOT/TDG

- **UN Number** Not regulated for transport
- **UN Proper Shipping Name** Not regulated for transport
- **Transport by sea** Not regulated for transport
- **Air transport** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

#### SARA Section 311/312 Hazard Classes

- Immediate (acute) health hazard

#### Water (7732-18-5)

- Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Acetic acid (64-19-7)

- Listed on the United States TSCA (Toxic Substances Control Act) inventory

### US State Regulations

#### Acetic acid (64-19-7)

- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
- U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
- U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
- U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
- U.S. - Idaho - Occupational Exposure Limits - TWAs
- U.S. - Louisiana - Reportable Quantity List for Pollutants
- U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
- U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
- U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
- U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
- U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
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U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Michigan - Polluting Materials List
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New Jersey - Special Health Hazards Substances List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
U.S. - North Carolina - Control of Toxic Air Pollutants
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

Canadian Regulations

Hi-Lite
WHMIS Classification
Class E - Corrosive Material
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List) inventory.
WHMIS Classification
Uncontrolled product according to WHMIS classification criteria

Acetic acid (64-19-7)
Listed on the Canadian DSL (Domestic Substances List) inventory.
Listed on the Canadian Ingredient Disclosure List
WHMIS Classification
Class B Division 3 - Combustible Liquid
Class E - Corrosive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION

Revision date : 12/10/2014
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
# GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>_phrase</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Eye Damage 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Flammable Liquid 3</td>
<td>Flammable liquids Category 3</td>
</tr>
<tr>
<td>Skin Corrosion 1A</td>
<td>Skin corrosion/irritation Category 1A</td>
</tr>
<tr>
<td>Skin Irritation 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
</tbody>
</table>

**NFPA Health Hazard**: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

**NFPA Fire Hazard**: 1 - Must be preheated before ignition can occur.

**NFPA Reactivity**: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

**HMIS III Rating**

- **Health**: 1 Slight Hazard - Irritation or minor reversible injury possible
- **Flammability**: 1 Slight Hazard
- **Physical**: 0 Minimal Hazard

**Party Responsible for the Preparation of This Document**

Avantik BioGroup  
Phone Number: 888-392-8411

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.