




## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	• Hyperform®
<b>Trade Name</b>	• Hyperform®
<b>Company</b>	• Quadex LLC, 564 W. 9320 S., Sandy, UT 84070
<b>Company Contact</b>	• Matthew Peterson
<b>Company Phone</b>	• 844-782-4832
<b>Emergency</b>	• Domestic Shipments and to Canada: 1-800-633-8253 • International Shipments: 1-801-629-0667

## 2. HAZARDS IDENTIFICATION

<b>Emergency Overview: OSHA Hazards</b>	• This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).										
<i>GHS Classification</i>	<table border="0"> <tr> <td><i>Skin Corrosion/Irritation</i></td> <td>• Category 1</td> </tr> <tr> <td><i>Serious Eye Damage/Eye Irritation</i></td> <td>• Category 1</td> </tr> <tr> <td><i>Skin Sensitization</i></td> <td>• Category 1</td> </tr> <tr> <td><i>Carcinogenicity/Inhalation</i></td> <td>• Category 1A</td> </tr> <tr> <td><i>Specific Target Organ Toxicity: Single Exposure (Respiratory Tract Irritation)</i></td> <td>• Category 3</td> </tr> </table>	<i>Skin Corrosion/Irritation</i>	• Category 1	<i>Serious Eye Damage/Eye Irritation</i>	• Category 1	<i>Skin Sensitization</i>	• Category 1	<i>Carcinogenicity/Inhalation</i>	• Category 1A	<i>Specific Target Organ Toxicity: Single Exposure (Respiratory Tract Irritation)</i>	• Category 3
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<i>Specific Target Organ Toxicity: Single Exposure (Respiratory Tract Irritation)</i>	• Category 3										
<i>GHS Label elements, including precautionary statements</i>	 <p><i>Pictogram</i></p>										
<i>Signal Word</i>	• Danger										
<b>Hazard Statement(s)</b>	• Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause cancer.										
<b>Precautionary Statement(s)</b>											
<i>Prevention</i>	• Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Use outdoors in a well ventilated area. Wash any exposed body parts thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated clothing must not be allowed out of the workplace.										

## 2. HAZARDS IDENTIFICATION (CONTINUED)

<i>Response</i>	<ul style="list-style-type: none"> <li>If exposed or concerned: Immediately get medical advice/attention if you feel unwell or irritation or rash occurs. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Rinse mouth. Do not induce vomiting.</li> </ul>
<i>Storage</i>	<ul style="list-style-type: none"> <li>Restrict or control access to stockpile areas (store locked up). Engulfment hazard: To prevent burial or suffocation, do not enter a confined space, such as a silo, bulk truck or other storage container or vessel that stores or contains cement without an effective procedure for assuring safety. Store in a well ventilated area. Keep container tightly closed.</li> </ul>
<i>Disposal</i>	<ul style="list-style-type: none"> <li>Dispose of contents/container in accordance with local/regional/national/international regulations.</li> </ul>
<i>HNOC</i>	<ul style="list-style-type: none"> <li>None known.</li> </ul>
<i>Supplemental Information</i>	<ul style="list-style-type: none"> <li>Dispose of contents/container in accordance with local/regional/national/international regulations.</li> </ul>

Overexposure to portland cement can cause serious, potentially irreversible skin or eye damage in the form of chemical (caustic) burns, including third degree burns. The same serious injury can occur if wet or moist skin has prolonged contact exposure to dry portland cement.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Cas #	Percent
<i>Portland Cement</i>	<ul style="list-style-type: none"> <li>65997-15-1</li> </ul>	<ul style="list-style-type: none"> <li>40-100</li> </ul>
<i>Admixtures</i>		<ul style="list-style-type: none"> <li>1-15</li> </ul>
<i>Monocrystalline Quartz</i>	<ul style="list-style-type: none"> <li>14808-60-7</li> </ul>	<ul style="list-style-type: none"> <li>40-70</li> </ul>

## 4. FIRST AID MEASURE

First aid procedures	
<i>Eye Contact</i>	<ul style="list-style-type: none"> <li>Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Seek medical attention immediately.</li> </ul>
<i>Skin Contact</i>	<ul style="list-style-type: none"> <li>Wash off with plenty of soap and water. Get medical attention if irritation develops and persists.</li> </ul>
<i>Inhalation</i>	<ul style="list-style-type: none"> <li>If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.</li> </ul>
<i>Ingestion</i>	<ul style="list-style-type: none"> <li>Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If ingestion of a large amount does occur, call a poison control center immediately.</li> </ul>
<i>Notes to Physician</i>	<ul style="list-style-type: none"> <li>Symptoms may be delayed.</li> </ul>
<i>General Advice</i>	<ul style="list-style-type: none"> <li>Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.</li> </ul>

## 5. FIRE FIGHTING MEASURES

<i>Flammable Properties</i>	<ul style="list-style-type: none"> <li>The product is not flammable. No unusual fire or explosion hazards noted.</li> </ul>
<i>Extinguishing Media</i>	<ul style="list-style-type: none"> <li>Dry chemical, CO<sub>2</sub>, or water spray. Alcohol foam.</li> </ul>
<i>Suitable Extinguishing Media</i>	<ul style="list-style-type: none"> <li>Dry chemical, CO<sub>2</sub>, or water spray. Alcohol foam. In the event of fire, use water spray to cool unopened containers. Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.</li> </ul>
<i>Specific Methods</i>	<ul style="list-style-type: none"> <li>None available.</li> </ul>

## 6. ACCIDENTAL RELEASE MEASURES

<i>Personal Precautions</i>	<ul style="list-style-type: none"> <li>Keep unnecessary personnel away. Keep upwind.</li> </ul>
<i>Environmental Precautions</i>	<ul style="list-style-type: none"> <li>Do not flush into surface water or sanitary sewer system.</li> </ul>
<i>Methods for Containment</i>	<ul style="list-style-type: none"> <li>Stop the flow of material, if this is without risk. Dike the spilled material.</li> </ul>
<i>Methods for Cleaning Up</i>	<ul style="list-style-type: none"> <li>Shovel into labeled waste container for reuse or disposal. Wear adequate protective equipment. Area may be washed down with water.</li> </ul>

## 7. HANDLING AND STORAGE

<i>Handling</i>	<ul style="list-style-type: none"> <li>Do not get this material in contact with eyes. Avoid contact with skin. Do not empty into drains.</li> </ul>
<i>Storage</i>	<ul style="list-style-type: none"> <li>Store in dry place and keep sealed until ready to use.</li> </ul>

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational Exposure Limits: US. ACGIH Threshold Limit Values</b>			
<i>Components</i>	<ul style="list-style-type: none"> <li>Type</li> </ul>	<ul style="list-style-type: none"> <li>Value</li> </ul>	<ul style="list-style-type: none"> <li>Form</li> </ul>
<i>Portland Cement</i>	<ul style="list-style-type: none"> <li>TWA</li> </ul>	<ul style="list-style-type: none"> <li>10 mg/m<sup>3</sup></li> </ul>	
<i>Admixtures</i>	<ul style="list-style-type: none"> <li>TWA</li> </ul>	<ul style="list-style-type: none"> <li>10 mg/m<sup>3</sup></li> </ul>	
<b>Occupational Exposure Limits: US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<b>Occupational Exposure Limits: US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Occupational Exposure Limits: US. OSHA Table Z-3 (29 CFR 1910.1000)</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<b>Occupational Exposure Limits: US. OSHA Table Z-3 (29 CFR 1910.1000)</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

<i>Engineering Controls</i>	<ul style="list-style-type: none"> <li>• Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.</li> </ul>
<i>Eye / Face Protection</i>	<ul style="list-style-type: none"> <li>• Do not get in eyes. Chemical goggles are recommended.</li> </ul>
<i>Skin Protection</i>	<ul style="list-style-type: none"> <li>• Avoid contact with the skin. Wear protective gloves. Wear suitable protective clothing as protection against splashing or contamination.</li> </ul>
<i>Respiratory Protection</i>	<ul style="list-style-type: none"> <li>• When workers are facing concentrations above the exposure limit they must use NIOSH/MESHA respirators.</li> </ul>
<i>General Hygiene Considerations</i>	<ul style="list-style-type: none"> <li>• Do not get in eyes. Avoid contact with skin.</li> </ul>

## 9. PHYSICAL & CHEMICAL PROPERTIES

<i>Appearance</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Physical State</i>	<ul style="list-style-type: none"> <li>• Powder</li> </ul>
<i>Form Viscous</i>	<ul style="list-style-type: none"> <li>• Powder</li> </ul>
<i>Color</i>	<ul style="list-style-type: none"> <li>• Grey</li> </ul>
<i>Odor</i>	<ul style="list-style-type: none"> <li>• Odorless</li> </ul>
<i>Odor Threshold</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>pH</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Vapor Pressure</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Vapor Density</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Boiling Point</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Melting Point/Freezing Point</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Solubility (Water)</i>	<ul style="list-style-type: none"> <li>• Slight (0.01 – 1.0%)</li> </ul>
<i>Specific Gravity</i>	<ul style="list-style-type: none"> <li>• 3.15</li> </ul>
<i>Relative Density</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Flash Point</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Flammability limits in air upper, % by volume</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Flammability limits in air lower, % by volume</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>Auto-Ignition Temperature</i>	
<i>Other Data</i>	

## 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

<i>Chemical Stability</i>	<ul style="list-style-type: none"> <li>Stable under normal conditions.</li> </ul>
<i>Conditions to Avoid</i>	<ul style="list-style-type: none"> <li>Although no hazardous reactions will occur, product should be kept dry.</li> </ul>
<i>Incompatible Materials</i>	<ul style="list-style-type: none"> <li>Not available.</li> </ul>
<i>Hazardous Decomposition Products</i>	<ul style="list-style-type: none"> <li>None</li> </ul>

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological Data</b>	
<i>Components</i>	<ul style="list-style-type: none"> <li>Test Results / None</li> </ul>
<i>Local Effects</i>	<ul style="list-style-type: none"> <li>Irritating to skin. Contact may irritate or burn eyes.</li> </ul>
<i>Chronic Effects</i>	<ul style="list-style-type: none"> <li>Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.</li> </ul>
<i>Carcinogenicity</i>	<ul style="list-style-type: none"> <li>None</li> </ul>

## 12. ECOLOGICAL INFORMATION

<b>Toxicological Data</b>	
<i>Components</i>	<ul style="list-style-type: none"> <li>Test Results / Not available</li> </ul>
<i>Ecotoxicity</i>	<ul style="list-style-type: none"> <li>Not available.</li> </ul>
<i>Environmental Effects</i>	<ul style="list-style-type: none"> <li>An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.</li> </ul>
<i>Aquatic Toxicity</i>	<ul style="list-style-type: none"> <li>No data available for this product.</li> </ul>
<i>Persistence and Degradability</i>	<ul style="list-style-type: none"> <li>Not available.</li> </ul>

## 13. DISPOSAL CONSIDERATIONS

<i>Disposal Instructions</i>	<ul style="list-style-type: none"> <li>Dispose in sanitary landfill in accordance with federal, state, and local regulations.</li> </ul>
<i>Waste from Residues / Unused Products</i>	<ul style="list-style-type: none"> <li>Not applicable unused products.</li> </ul>

## 14. TRANSPORT INFORMATION

<i>DOT</i>	<ul style="list-style-type: none"> <li>Not regulated as dangerous goods.</li> </ul>
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## 15. REGULATORY INFORMATION

<i>US Federal Regulations</i>	<ul style="list-style-type: none"> <li>This product is a non "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances - Not applicable.</li> </ul>
<i>Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))</i>	<ul style="list-style-type: none"> <li>Not regulated.</li> </ul>
<i>DEA Essential Chemical Code Number</i>	<ul style="list-style-type: none"> <li>Not regulated.</li> </ul>
<i>Drug Enforcement Administration (DEA). List 1 &amp; 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))</i>	<ul style="list-style-type: none"> <li>Not regulated.</li> </ul>
<i>DEA Exempt Chemical Mixtures Code Number</i>	<ul style="list-style-type: none"> <li>Not regulated.</li> </ul>
<i>CERCLA (Superfund) Reportable Qty</i>	<ul style="list-style-type: none"> <li>None</li> </ul>

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

Hazard Categories	
<i>Immediate Hazard</i>	<ul style="list-style-type: none"> <li>No</li> </ul>
<i>Delayed Hazard</i>	<ul style="list-style-type: none"> <li>No</li> </ul>
<i>Fire Hazard</i>	<ul style="list-style-type: none"> <li>No</li> </ul>
<i>Pressure Hazard</i>	<ul style="list-style-type: none"> <li>No</li> </ul>
<i>Reactivity Hazard</i>	<ul style="list-style-type: none"> <li>No</li> </ul>
<i>Section 302 Extremely Hazardous Substance</i>	<ul style="list-style-type: none"> <li>No</li> </ul>
<i>Section 311 Hazardous Chemical</i>	<ul style="list-style-type: none"> <li>No</li> </ul>

## 16. OTHER INFORMATION

<i>Further Information</i>	<ul style="list-style-type: none"> <li>• HMIS® is a registered trade and service mark of the NPCA.</li> </ul>
<b>HMIS® Ratings</b>	
<i>Health</i>	• 2
<i>Flammability</i>	• 0
<i>Physical hazard</i>	• 0
<b>NFPA Ratings</b>	
<i>Health</i>	• 2
<i>Flammability</i>	• 0
<i>Instability</i>	• 0
<i>Disclaimer</i>	<ul style="list-style-type: none"> <li>• The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.</li> </ul>
<i>Issue Date</i>	<ul style="list-style-type: none"> <li>• Not available.</li> </ul>
<i>This Data Sheet Contains</i>	<ul style="list-style-type: none"> <li>• Product and Company Identification: Synonyms changes from the previous Physical &amp; Chemical Properties: Multiple Properties version in section(s): Transport Information: Material Transportation Information Regulatory Information: United States.</li> </ul>