



# MATERIAL SAFETY DATA SHEET

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| <b>VI</b><br>Accidental Measures                      | Spill and Leak Clean Up Procedures <b>STOP LEAKS AND CONTAIN SPILL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI (SODIUM CARBONATE) AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = PHOSPHORIC ACID - 5,454 LBS OR 512 GALLONS</b><br><br>Environmental Precaution: <b>DO NOT FLUSH TO LAKES OR STREAMS.</b>                                                                                                                                     |  |  |  |  |
| <b>VII</b><br>Handling and Storage                    | Ventilation Required? <b>YES</b> Instructions <b>PRODUCING NORMAL AIR DILUTION</b><br><br>Safe Storage, Handling and Use Instructions <b>KEEP AWAY FROM CHLORINATED CLEANERS AND BLEACHES. KEEP CONTAINER CLOSED. DO NOT STORE WITH FOOD, KEEP OUT OF THE REACH OF CHILDREN.</b><br><br>Incompatible Materials <b>NONE</b>                                                                                                                                                                                                                                                                 |  |  |  |  |
| <b>VIII</b><br>Exposure Controls/ Personal Protection | Protective Gloves <b>RUBBER GLOVES WHEN HANDLING CONCENTRATE OR DILUTE USE-SOLUTION.</b><br>Eye Protection <b>USE GOGGLES WITH CONCENTRATE FOR INDUSTRIAL SPLASH PROTECTION.</b><br>Respiratory Protection <b>IF PEL/TLV MAY BE EXCEEDED, USE AN APPROPRIATE NIOSH RESPIRATOR OR FULL FACE PIECE SUPPLIED AIR RESPIRATOR.</b><br>Other Protective Clothing Equipment <b>WEAR PROTECTIVE EYEWEAR, CLOTHING AND RUBBER GLOVES WHEN HANDLING PRODUCT.</b>                                                                                                                                     |  |  |  |  |
| <b>IX</b><br>Physical and Chemical Properties         | Characteristics of Hazardous Chemical<br>Vapor Pressure <b>15.0</b> MmHg@ <b>20</b> °C   Vapor Density(Air=1) <b>N/A</b>   pH <b>1.8</b>   Water Solubility <b>100</b> %<br>Appearance & Odor <b>CLEAR, PURPLE LIQUID; SLIGHT CHERRY ODOR</b><br>Boiling Point <b>&gt;212</b> °F   Melting Point °F   Flammability Limits in Air By Volume: Upper <b>NONE</b> Lower <b>NONE</b><br>Flash Point <b>&gt;200</b> °F   Auto Ignition <b>N/A</b> °F   Oxidizing Properties<br>Specific Gravity <b>1.05</b>   Volatile by Volume <b>85</b> %<br>Evaporation Rate(n-Butyl Acetate=1) <b>&lt;1</b> |  |  |  |  |
| <b>X</b><br>Stability and Reactivity                  | Peroxide, Pyrophoric, Unstable or Water Reactive <b>NONE</b><br>Reactivity and Hazardous Polymerization <b>NONE</b><br>Possible Hazardous Reactions <b>REACTS WITH METALS TO RELEASE HYDROGEN GAS</b><br>Conditions to Avoid <b>MIX ONLY WITH WATER</b><br>Materials To Avoid <b>ALKALINE MATERIALS, SOFT METALS, OR CHLORINATED CLEANERS, NATURAL MARBLE, AND COLORED GROUT.</b><br>Hazardous Decomposition Products <b>OXIDES OF CARBON OR NITROGEN</b>                                                                                                                                  |  |  |  |  |
| <b>XI</b><br>Toxicological Information                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |
| <b>XII</b><br>Ecological Information                  | Possible Effects and Environmental Fate <b>NONE</b><br>Degradability <b>N/A</b><br>Aquatic Toxicity <b>NONE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |
| <b>XIII</b><br>Disposal Consideration                 | Method of Disposal, Residues and Safe Handling <b>USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL. PLACE RINSED CONTAINER IN TRASH OR RECYCLE IN AN APPROVED PROGRAM.</b><br><br>Disposal of Contaminated Material <b>OXIDES OF CARBON OR NITROGEN</b>                                                                                                                                                                                                                                               |  |  |  |  |
| <b>XIV</b><br>Transport Information                   | <b>CORROSIVE LIQUID,ACIDIC,INORGANIC,N.O.S.,(PHOSPHORIC ACID),8,UN3264, PG III, ERG#60, NAERG#154</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |
| XV-Regulatory Information                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |
| XVI-Other Information                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |
| S.A.R.A. Title III Section 313                        | <b>THIS PRODUCT CONTAINS PHOSPHORIC ACID (7664-38-2) AT 21%.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |
| State Right to Know Information                       | <b>PHOSPHORIC ACID CAS # 7664-38-2<br/>         WATER CAS # 7732-18-5<br/>         GLYCOLIC ACID CAS # 79-14-1<br/>         ALCOHOL ETHOXYLATE CAS # 68439-46-3</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |