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| Nitric Acid, 70%    Danger  [**HAZARD STATEMENTS**](http://www.safety.duke.edu/ohs/documents/H-Statements%20-%20template.docx)**:**  **May intensify fire; oxidizer.**  **Causes severe skin burns and eye damage.**  **Causes serious eye damage.**  [**PRECAUTIONARY STATEMENTS**](http://www.safety.duke.edu/ohs/documents/P-Statements%20-%20template.docx)**:**  Keep away from heat. Keep/store away from clothing/combustible materials.  Take any precaution to avoid mixing with combustibles. Wash skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to an approved waste disposal plant.  **IF SWALLOWED**: Rinse mouth. Do **NOT** induce vomiting.  **IF ON SKIN (or hair)**: Remove/Take off Immediately all contaminated clothing. Rinse skin with water/shower.  **IF INHALED**: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Immediately call a **POISON CENTER** or doctor/physician.  **IF IN EYES**: 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.  Wash contaminated clothing before reuse.  **In case of fire**: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.  **Supplier Identification & Emergency Phone#:**  Sigma-Aldrich  3050 Spruce Street  SAINT LOUIS MO 63103  Emergency Phone # : **(314) 776-6555**  **See the Safety Data Sheet for more information.** |  | Sulfuric Acid, 99%    Danger  [**HAZARD STATEMENTS**](http://www.safety.duke.edu/ohs/documents/H-Statements%20-%20template.docx)**:**  **May be corrosive to metals.**  **Causes severe skin burns and eye damage.**  **Causes serious eye damage.**  [**PRECAUTIONARY STATEMENTS**](http://www.safety.duke.edu/ohs/documents/P-Statements%20-%20template.docx)**:**  Keep only in original container. Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Store locked up. Store in corrosive resistant stainless steel container with a resistant inner liner. Dispose of contents/ container to an approved waste disposal plant.  **IF SWALLOWED**: Rinse mouth. Do **NOT** induce vomiting.  **IF ON SKIN (or hair)**: Remove/Take off Immediately all contaminated clothing. Rinse skin with water/shower.  **IF INHALED**: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Immediately call a **POISON CENTER** or doctor/physician.  **IF IN EYES**: 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.  **Supplier Identification & Emergency Phone#:**  Sigma-Aldrich  3050 Spruce Street  SAINT LOUIS MO 63103  Emergency Phone # : **(314) 776-6555**  **See the Safety Data Sheet for more information.** |
| Hydrochloric Acid, 37%    Danger  [**HAZARD STATEMENTS**](http://www.safety.duke.edu/ohs/documents/H-Statements%20-%20template.docx)**:**  **May be corrosive to metals.**  **Causes severe skin burns and eye damage.**  **May cause respiratory irritation.**  [**PRECAUTIONARY STATEMENTS:**](http://www.safety.duke.edu/ohs/documents/P-Statements%20-%20template.docx)  Keep only in original container. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. Using only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive resistant stainless steel container with a resistant inner liner. Dispose of contents/ container to an approved waste disposal plant.  **IF SWALLOWED**: Rinse mouth. Do **NOT** induce vomiting.  **IF ON SKIN (or hair)**: Remove/Take off Immediately all contaminated clothing. Rinse skin with water/shower.  **IF INHALED**: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.  **IF IN EYES**: 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.  **Supplier Identification & Emergency Phone#:**  Sigma-Aldrich  3050 Spruce Street  SAINT LOUIS MO 63103  Emergency Phone # : **(314) 776-6555**  **See the Safety Data Sheet for more information.** |  | Acetic Acid, 99%    Danger  [**HAZARD STATEMENTS**](http://www.safety.duke.edu/ohs/documents/H-Statements%20-%20template.docx)**:**  **Flammable liquid and vapor.**  **Causes severe skin burns and eye damage.**  **Causes serious eye damage.**  [**PRECAUTIONARY STATEMENTS:**](http://www.safety.duke.edu/ohs/documents/P-Statements%20-%20template.docx)  Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Wash contaminated clothing before reuse. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/ container to an approved waste disposal plant.  **IF SWALLOWED**: Rinse mouth. Do **NOT** induce vomiting.  **IF ON SKIN (or hair)**: Remove/Take off Immediately all contaminated clothing. Rinse skin with water/shower.  **IF INHALED**: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Immediately call a **POISON CENTER** or doctor/physician.  **IF IN EYES**: 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.  **In case of fire**: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.  **Supplier Identification & Emergency Phone#:**  Sigma-Aldrich  3050 Spruce Street  SAINT LOUIS MO 63103  Emergency Phone # : **(314) 776-6555**  **See the Safety Data Sheet for more information.** |