

**PORTAGE DEPARTMENT OF PUBLIC WORKS**  
**Respiratory Hazard Assessment and Respirator Selection for “Acids”**

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<b>Chemical Name</b>	<b>Contents</b>	<b>%</b>	<b>Exposure Limit (OSHA PEL)</b>	<b>Vapor Pressure</b>	<b>Hazard</b>	<b>Condition Of Use</b>	<b>Duration</b>	<b>Respirator Required or Voluntary</b>
North Woods Super Bowl	Hydrochloric Acid  Quaternary Ammonium Chloride	23  .05	C5ppm	30mmHg @ 68deg F	Severe Skin, Eyes, Inhalation, and Ingestion Irritant	Use with adequate ventilation	<15 min When needed	None
North Woods Natures Stuff Citrus Hand Cleaner	Not Listed	Not Listed	Not Listed	Not Listed	Skin Eyes Ingestion	General Ventilation  Local Exhaust may be needed	<15min daily when needed	None
Unites 303 Triumph	Phosphoric Acid	Not Listed	1mg/m3	Low – approx that of water @ 77F	Skin, Eyes, Inhalation, and Ingestion Irritant	Use with adequate ventilation	<1hr When needed	None