

OSHA: Occupational Safety and Health Administration
AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------------|---|
| Specific Physical Form: | Liquid |
| Odor, Color, Grade: | Clear, dark amber liquid, pungent hydrochloric acid odor |
| General Physical Form: | Liquid |
| Autoignition temperature | Not Applicable |
| Flash Point | Not Applicable |
| Flammable Limits - LEL | Not Applicable |
| Flammable Limits - UEL | Not Applicable |
| Boiling point | > 200 °F |
| Density | No Data Available |
| Vapor Density | No Data Available |
| Vapor Pressure | Approximately 190 mmHg [Details: CONDITIONS: @ 25 C (77 F)] |
| Specific Gravity | 1.1 [Ref Std: WATER=1] |
| pH | < 0.1 |
| Melting point | Not Applicable |
| Solubility in Water | Complete |
| Average particle size | Not Applicable |
| Bulk density | Not Applicable |
| Evaporation rate | Not Applicable |
| Evaporation rate | Not Applicable |
| Hazardous Air Pollutants | Not Applicable |
| Molecular weight | Not Applicable |
| Volatile Organic Compounds | < 0.05 % weight |
| Kow - Oct/Water partition coef | Not Applicable |
| Percent volatile | 95 - 100 % |
| Percent volatile | Not Applicable |
| Softening point | Not Applicable |
| VOC Less H2O & Exempt Solvents | < 1.65 g/l |
| Viscosity | < 200 centipoise |

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: Strong bases Additional Information: Do not mix with bleach or ammonia products.
Not Applicable

Hazardous Polymerization: Hazardous polymerization will not occur.

Other Stability: Not Applicable

Other Hazardous Polymerization: Not Applicable

Hazardous Decomposition: Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.