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GLUCONIC ACID LIQUID 50%

ArroChem's Gluconic Acid Liquid 50% is an aqueous solution of a non-toxic organic acid that occurs naturally in various fruits and honey. The 50% liquid solution is produced through the neutralization of Gluconic Acid with a base. Gluconic Acid Liquid 50% is widely used in various industrial applications, as a medium in organic synthesis, cleaning agents, and as a chelating agent in water treatment.

General Characteristics:

Appearance:	Clear, colorless to pale yellow liquid
Ionic Nature:	Non-ionic
Solubility in Water, 25°C:	Completely soluble
pH, 1% Solution:	~ pH 2 - 3
Specific Gravity:	~1.28 g/cm ³ at 20°C (68°F)



APPLICATION:

Gluconic Acid Liquid 50% finds diverse applications across different industries, including but not limited to the following:

- **Cleaning Agents:** Employed as a cleaner and chelating agent in household and industrial cleaning products.
- **Water Treatment:** Used as a chelating agent to bind and remove metal ions from water in water treatment processes.
- **Organic Synthesis:** Gluconic Acid Liquid 50% is commonly utilized as a medium for organic synthesis.