



ARAK PETROCHEMICAL COMPANY



ISO 9001:2000

Certificate No.: CH98/8032

ISO 14001:2004

Certificate No.: CH03/0112

OHSAS 18001:1999

Certificate No.: CH05/0675

**Address:**

No. 3, Taban St.  
Vali-e-Asr Ave.  
Tehran - IRAN

**Tel:**

(+98 21)82122700

**Fax:**

(+98 21)8867 4126-27

**Web-site:**

www.arpc.ir

**E-mail:**

Sales@arpc-ir.net

## Acetic Acid (AA)

Characteristic	Test Method	Unit	Value
PURITY	ASTM E - 302	WT.%	99.5 MIN.
WATER CONTENT	ASTM E - 203	WT.%	0.4 MAX.
FORMIC ACID	ASTM D - 3546	WT.%	0.15 MAX.
ACETALDEHYDE	UHDE GCL 3	PPM	300 MAX.
IRON	ASTM D - 3941	PPM	1 MAX.
SP. GR (20/20 °C)	ASTM D - 4052	-	1.0505 - 1.0525
COLOR	ASTM D - 1209	APHA	10 MAX.

**ACETIC ACID** is a colorless, transparent liquid with a poignant odor, frozen at normal temperatures (15 -16°C). It is freely mixed with water, alcohol, ether, or organic compounds.

○ **Application areas:**

**ACETIC ACID** is used in the production of vinyl acetate and as esterifying agent in the production of acetate esters and Monochloroacetic acid. **ACETIC ACID** is also important as a reaction solvent and as a reagent in the production of rubber, plastics, acetate fibers, dyes, insecticides, photographic chemicals and textiles.

○ **Storage conditions:**

**ACETIC ACID** containers should tightly closed and stored in a dry, cool and well-ventilated place. Dry nitrogen blanketing of storage tanks is highly recommended to prevent contamination of product. By bulk **ACETIC ACID** stored in stainless steel 316 tanks. It must protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Protect from freezing. Store above 17C (63 F). Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid).

○ **Packing:**

Bulk or in 70 Lit (net: 60 Kg) new PE drums, each 9 drums strapped on a pallet.