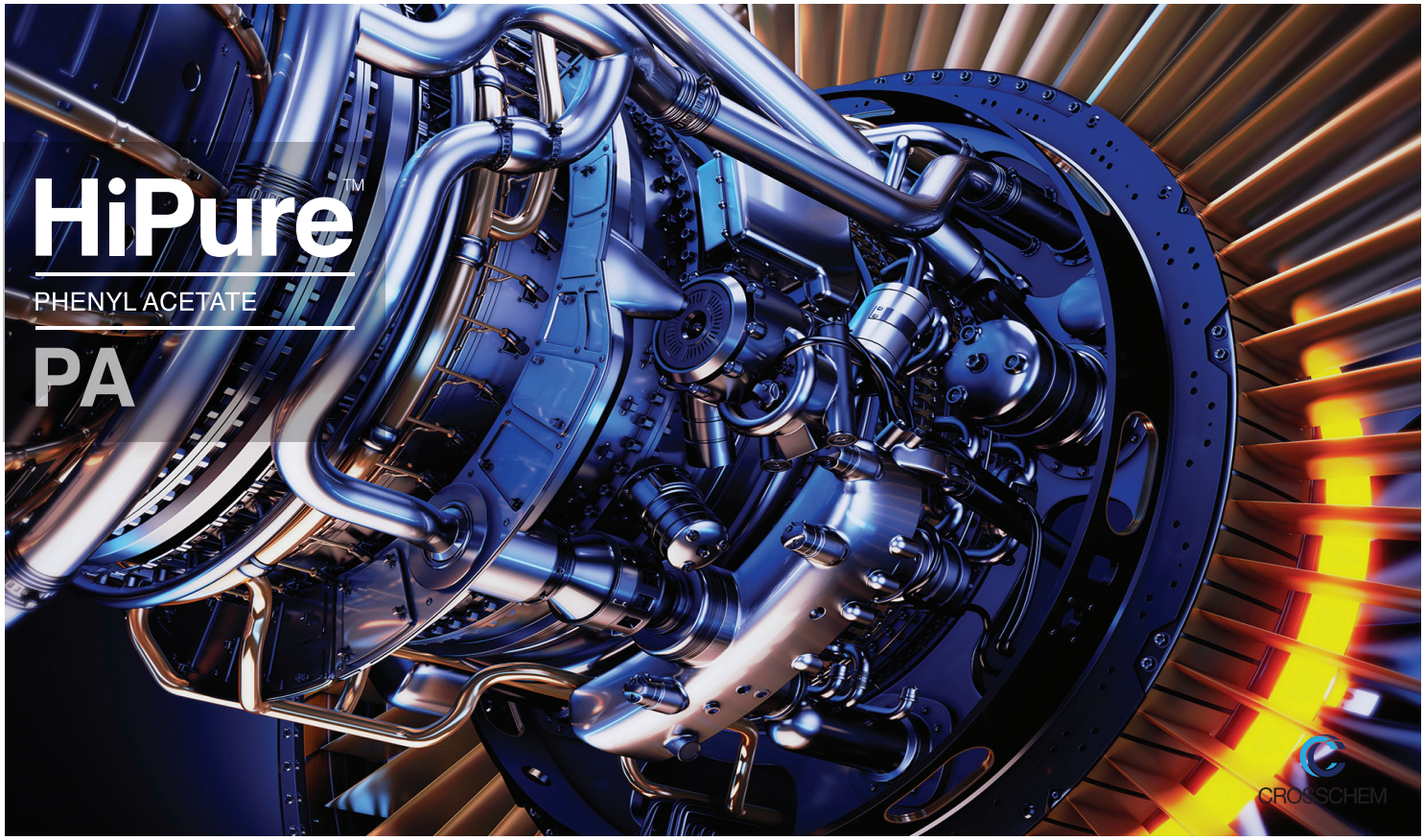

HiPure™ Technologies

The HiPure™ product line represents a broad base of chemistries and technologies targeting high purity applications.

We synthesize or purify phenol, acetic anhydride, acetyl chloride, ethylene oxide, hydrogen cyanide, cyanuric acid and chloroacetic acid-based compounds with molecule specific reactors and fractionating distillation assets. These are typically low volume, high value products with well-defined impurity profiles. All products require longer production lead times with some made to order only.

HIPURE PA™ SPECIFICATIONS

PROPERTY	LIMITS	TYPICAL RESULTS
Phenyl Acetate %	97.8	99.3
Color (APHA)	Record Result	25
Water %	Record Result	0.05
Acetic Anhydride %	Record Result	0.27

Appearance: Clear liquid.

Store in cool, dry, well-ventilated area away from heat, ignition sources and direct sunlight. Keep containers tightly closed. WARNING: Hot organic, chemical vapors or mist can suddenly and without warning combust when mixed with are. Ignition can occur at typical elevated temperature process conditions. Any use in such process should be evaluated thoroughly to assure safe operating conditions. For transfer, containers should be supported and grounded before opening, dispensing, mixing, pouring and emptying. Open with non-sparking tools. Please refer to the MSDS for more details.

HIPURE PA™ PHYSICAL PROPERTIES

PROPERTY	VALUE
Formula	$C_8H_8O_2$
Boiling Point (C)	195
Molecular Weight	136.14
Specific Gravity (g/ml)	1.08

About HiPure PA™

CrossChem produces high purity phenyl acetate derived from phenol and acetic anhydride/acetyl chloride. HiPure™ Phenyl Acetate offers effective, less hazardous alternatives that facilitate many intermediate and building block applications.

Packaging

- 208.65 Kg Drums

Applications

- Polyester Resins
- Oilfield Chemicals
- Pharmaceutical Reagent
- Organic Synthesis