

Coventry 12807 Acetone Precision Cleaning Solvent

Product # 12807

Product Description

Coventry™ Acetone Solvent is a highly processed and filtered grade of acetone. Specifically engineered to create a low residue, high purity grade of solvent, this material excels in operations that require high solvency and very low residue. Acetone is a water-miscible, colorless and volatile liquid with a strong pungent odor.

- Cleaning solvent for critical cleaning applications
- Removes greases and waxes from hard impervious surfaces
- No Ozone Depleting Chemicals
- Removes particulates and debris
- Low surface tension
- Low toxicity
- Fast drying
- Very low non-volatile residue

Typical Applications

Coventry Acetone is used to clean and prepare a variety of surfaces within critical environments:

- Cleaning
- Coupling agent
- Pharmaceutical
- Extraction
- Drying agent



Typical Product Data and Physical Properties

Purity	>=99%
Boiling Point	133°F/56°C
Solubility in Water	complete
Specific Gravity	0.78
Vapor Pressure @68°F	184 mm Hg
Vapor Density (air=1)	2.0
Appearance	Clear, colorless liquid
Odor	Pungent, ketone
Surface Tension (dynes/cm @ 73°F)	21.4
Flash Point (TCC)	-0.4°F/-18°C
Evaporation Rate (butyl acetate =1)	5.6
Molecular Weight	58
VOC* Content	
CARB	0%
SCAQMD	782 g/L
Federal	0%
Shelflife	2 years from DOM unopened
RoHS Compliant	Yes

*Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

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Compatibility

Coventry™ Acetone is compatible with most metals and plastics. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use. Long term compatibility with materials used during manufacturing must be evaluated as there is potential for plasticizers to be leached from plastic funnels, syringes, housings, bottles, etc.

Material	Compatibility
Aluminum	Excellent
Buna-N	Not recommended
CPVC	Not recommended
Copper	Excellent
Epoxy	Good
Neoprene	Fair
Noryl®	Not recommended
Phenolic	Excellent
Cross-Linked PE	Fair
Polycarbonate	Not recommended
Polypropylene	Excellent
Polystyrene	Not recommended
PVC	Not recommended
Teflon™	Excellent
Tygon™	Not recommended
Viton™	Not recommended

Usage Instructions

For industrial use only. Read MSDS carefully prior to use.

No special surface preparation is required prior to applying Coventry Acetone. For optimum results, apply using Coventry Cleanroom Swabs to quickly and safely remove oxides, dust and other contaminants. Use Coventry Cleanroom Wipes for lint-free wiping of large areas. Coventry Acetone should be used in a well-ventilated area. Keep away from ignition sources.

Availability

12807 1 gal. / 3.8 L liquid

Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions.

The toll free number is: 1-800-TECH-401.

Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.