

Coventry 12866 Cutting Fluid and Biocide Remover

Product # 12866

Product Description

Coventry™ 12866 Cutting Fluid and Biocide Remover is a unique cleaning solution developed specifically for cleaning and removing cutting fluids and machine oil such as Cimtech 310 and Hocut 795-MD from surgical steel and devices. In addition, Coventry™ 12866 Cutting Fluid and Biocide Remover has been proven to remove biocides from surfaces such as Bionate (polyurethane / polycarbonate block copolymer), and cleaning the wire insulation associated with some of these devices. It is also effective at quickly removing oils, dirt, dust, and other contaminants from hybrid surfaces and assemblies.

- Ideal for removing oils, dust, and other contaminants found in association with medical devices
- Removes residual biocides from polymeric surfaces
- Safe for use on titanium, stainless steel, composite materials
- Penetrates to clean hard to reach areas
- Evaporates quickly and leaves no residues, minimizes process time
- Noncorrosive, safe for sensitive metals

Typical Applications

Coventry™ 12866 Precision Cleaner and Biocide Remover is used to clean and prepare a variety of surfaces within critical environments:

- Machine oil cleaner
- Removal of oils, cutting fluids
- Solvent for removal of biocides
- Drying agent



Typical Product Data and Physical Properties

Boiling Point	180°F / 82° C
Solubility in Water	Complete
Specific Gravity	0.80
Vapor Pressure @77°F	31.19 mm Hg
Appearance	Clear, colorless liquid
Odor	Alcohol
Flash Point (TCC)	54° F / 182°C
Evaporation Rate (butyl acetate =1)	3.6
Surface Tension	21.4 dynes/cm
VOC* Content	
CARB	100%
SCAQMD	810 g/L
Federal	92%
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™ 12866 Cutting Fluid and Biocide Remover 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	Good
Ceramic	Excellent
CPVC	Excellent
Copper	Excellent
Epoxy	Excellent
Neoprene	Good
Noryl®	Excellent
Phenolic	Excellent
Cross-Linked PE	Good
Polycarbonate	Poor
Polypropylene	Good
Polystyrene	Poor
PVC	Fair
Teflon™	Excellent
Titanium	Excellent
Tygon™	Good
Viton™	Excellent

Usage Instructions

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

Keep away from ignition sources. Use only in a well-ventilated area.

For optimum cleaning results, apply using Coventry Cleanroom Swabs to quickly and safely remove contaminants from small areas, or use Coventry Cleanroom Wipes for lint-free wiping of large areas.

For ultrasonic or soak applications, be sure to cover tank when not in use to prevent evaporation.

Availability

12866 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.