Workcell Systems

Glysol™ PC

Biobased Parts Cleaning Fluid

Description:

Glysol™ PC is a powerful biobased non hazardous parts cleaning fluid that replaces mineral spirits, Stoddard Solvent, PD680 Type II and similar petroleum-derived hazardous solvents. Intended for use in immersion and manual-type parts washers, it quickly cuts through grease, oil and dirt. Glysol PC cleans better, lasts longer and is biodegradable, safe and pleasant to use – the ideal choice for most industrial parts cleaning and degreasing requirements.

Uses:

Glysol PC removes dirt and oily or greasy soils from virtually all metal or plastic surfaces. Ideal for engine or machinery repair shops, maintenance departments and in-line production cleaning.

Soils:

Glysol PC removes a wide range of organic soils. Examples of soils that can be removed with Glysol PC are:

Oils, grease, uncured resins, asphalt, oil-based paint, etc.

Substrates:

Glysol PC is compatible with a wide variety of materials. Some typical examples of compatible materials are:

Metals:

Carbon steel, stainless steel, aluminum, nickel, titanium, copper, brass.

Plastics and elastomers:

Polypropylene (PP), polyvinyl chloride (PVC), rubber, Teflon®, epoxy resin.

Other materials:

Glass, ceramics.

Typical Fluid Characteristics

Physical form	Liquid
Color	Light amber
Odor	Mild
Density	7.47 lbs/gal
Viscosity	6 cps @25° C
Boiling point	420° F
VOC (calculated)	253 g/l
Vapor pressure	<1 mm Hg
pH	N/A
Flash point	189° F.
Solubility in water	Insoluble
Evaporation rate	< ethyl ether

Glysol™ PC is a USDA BioPreferred® designated parts washing solution.

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 72%

- **Cuts through Oil and grease.**
- **Powerful, safe, pleasant to use.**
- **No unpleasant fumes.**
- **Biodegradable.**
- **Safe on metals and most plastics.**
- **Contains no ozone depleting chemicals.**
- **Low VOCs**
- **Contains no hazardous air pollutants.**

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Application Data

How to Use Glysol™ PC

For in-process or maintenance cleaning of small parts at the workcell, use Glysol PC in drum mounted or free-standing unheated parts washers. Parts are cleaned by hand using a parts cleaning brush under flowing detergent solution.

Free Standing Manual Parts Washers

Pump Agitated Immersion Wash Tank

Larger parts may be soaked in agitated fluid to loosen or remove heavy soils from part surfaces. Pump or platform agitation will speed up the cleaning process,

For parts with stubborn, soils, heavy deposits, or parts with minute, inaccessible crevices or blind holes, an ultrasonic cleaning tank or system will often provide the best results. Soiled parts are immersed in the ultrasonic cleaning tank where the scrubbing action of the ultrasonics loosens and removes the soils from the parts.

Benchtop Ultrasonic tank

Ultrasonic Cleaning Console

Directions for Use

Use Full Strength -- Do Not Dilute
Do not heat -- Use at Room Temperature

Soak parts in the agitated solvent until soils are dissolved or loosened. Brush away stubborn deposits under flowing fluid. Mechanical or pump agitation while the work is immersed will speed the cleaning process.

Ultrasonic agitation of the cleaning tank will produce the best results with stubborn soils or parts with intricate crevices or blind holes.

Rinse the cleaned parts under flowing, filtered solvent. Allow parts to drain back into the parts washer tank. Air dry or wipe off excess fluid if necessary.

A minute film will remain on the part surfaces which will inhibit rusting.

Refer to the MSDS for safety and disposal information.

Available packaging:

Part no:	Description:
GPC-1	1-gal bottle (3.78L)
GPC-4X1	4 X 1-gal carton (15.12L)
GPC-5	5-gal pail (18.9L)
GPC-55	55-gallon drum (208.2L)

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