

PRODUCT INFORMATION

ANGLER

ANGLER INDUSTRIES, INC.
61 Industrial Park Rd • PO Box 217
Sterling, CT 06377
860-564-0080 • FAX 860-564-3598
www.anglerindustries.com



Angler 120F Cleaner (All-Metal Emulsion Cleaner)

Angler 120F Cleaner is an organic solvent product, which may be mixed with water to form a low temperature emulsion cleaner. **Angler 120F Cleaner** is a blend of high quality solvent and surfactants.

Angler 120F Cleaner was developed to remove metal fabrication oils, buffing compounds, drawing compounds and grease type soils from the following metals: ferrous metals, zinc die castings, brass alloys, aluminum alloys, copper and lead alloys.

Angler 120F Cleaner, when mixed with water, can yield two types of emulsions - an invert (milky-white) or a two-phase type.

The invert can be made by mixing **Angler 120F Cleaner** with warm water (110° - 130°F). The two-phase type is made by mixing **Angler 120F Cleaner** with cold water.

NOTE: The exception to the above rule is when a 50/50 solution of **Angler 120F Cleaner** with cold water is made, in this case a milky-white very fluid emulsion is formed. Usually the invert emulsion is slightly viscous.

ADVANTAGES OF ANGLER 120F CLEANER

1. Low temperature emulsion cleaner - energy saving.
2. Exceptional penetrating and cleaning action.
3. Non-corrosive to metals. Particularly desirable for pre-cleaning zinc base die castings, aluminum, lead and other metals easily stained by alkaline cleaners.
4. Stable - stores indefinitely without decomposition.
5. May be used as a concentrate or a 5 to 50% emulsion
6. Forms an emulsion film instantaneously on contact with water.
7. Free rinsing - leaves work surface clean and free of gummy, sticky residues.
8. Contains no phenolic or chlorinated solvent.
9. Simple to use - just immerse parts in unheated steel tank or drum of **120F Cleaner**.
10. May also be used in power washers.

The data in this Product Information sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information set forth herein is furnished free of charge and is based on technical data that **Angler** believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.

OPERATING CONDITIONS - SOAK

The most desirable method to operate **Angler 120F Cleaner** is with air agitation. An air agitated solution will remove the oils and buffing compounds (especially impacted compound). Also an air agitation bath will maintain a homogeneous solution. A two phase solution, for some applications, may not clean as well. Therefore it is always advantageous to have a homogeneous solution or an invert emulsion.

Concentration: 5 to 50% (volume).

Temperature: room to 125°F (52°C).

Equipment: Mild steel tanks, heating coils and air line.

POWER WASH APPLICATION

Angler 120F Cleaner is a low or non foaming product, thus it may be used in a pressure spray washer at concentrations from one to two parts per 100 parts of water at 130 ° - 140°F.

INDUSTRIAL MAINTENANCE

To remove oil, grease and dirt from large areas which cannot be dipped in tanks, for example - large machinery, or remove soil from floors, spray or brush cleaner on surface. Allow to soak for ten to fifteen minutes or longer, then flush with either hot or cold water. For light accumulations of soil, the cleaner may be diluted one to five with water. The diluted cleaner is applied in the same manner as the undiluted material.

SAFETY PRECAUTIONS

Do not allow an open flame to come into contact with the **Angler 120F cleaner**. Do not operate emulsion mixtures above 130°F in presence of open flames or any lighted material.

Angler Industries (Division of DuBois Chemicals) • 860-564-0080 • info@anglerindustries.com

The data in this Product Information sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information set forth herein is furnished free of charge and is based on technical data that **Angler** believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.