OCTO PUMP
THE CHEMICAL SPRAYER

Resistance details
OCTOPUMP Pressure Sprayers

	Max. concentration	OCTOSPRAY SOLVE 1200	OCTOSPRAY ACID 1000 OCTOFOAM MULTI 750/1500	OCTOSPRAY CLEAN 1000 OCTOFOAM CLEAN 750/1500
ALIPHATIC HYDROCARBONS				
Propane (liquid)	100%	✓	×	×
Naphtha	100%	✓	×	×
Iso-octane	100%	✓	×	×
n-Decane	100%	✓	×	×
n-Hexane	100%	✓	×	×
n-Heptane	100%	✓	×	×
n-Pentane	100%	✓	×	×
Petroleum	100%	✓	×	×
AROMATIC HYDROCARBONS				
Limonene	100%	✓	×	×
Hexanaphthene	100%	✓	×	×
Benzene	100%	×	×	×
Toluene	40%	✓	×	×
Naphthalene	100%	✓	×	×
Xylene	100%	✓	×	×
PETROLEUM AND DERIVATIVES				
Mineral oil	100%	✓	×	×
Diesel	100%	✓	×	×
Petrol	100%	✓	×	×
Kerosene	100%	✓	×	×
White spirit	100%	✓	×	×
ACIDS				
Phthalic acid	100%	×	×	✓
Citric acid	30%	×	✓	✓
Phosphoric acid	30%	×	✓	✓
Nitric acid	30%	×	×	×
Sulphuric acid	10%	×	✓	×
Sulphuric acid	94%	×	×	×
Acetic acid	5% bis 30%	×	×	✓
Acetic acid	>30% bis 60%	×	×	×
Kieselsäure	100%	×	✓	✓
Pelargonic acid (substitute for glyphosate)	18%	×	✓	×
Oxalic acid	100%	×	✓	✓
Formic acid	75%	×	×	✓
ALCOHOLS				
Butanol	100%	✓	✓	×
Propanol	100%	×	✓	×
Amyl alcohol	100%	×	✓	×
Ethanol	100%	×	✓	✓
Isopropyl	100%	✓	✓	✓
Methanol	100%	×	×	✓
ALKALIES AND KETONES				
Aceton	100%	×	×	×
Sodium hydroxide (caustic soda)	50%	×	×	✓
Ammonia	10%	×	×	✓
Calcium hydroxide	100%	✓	✓	✓
Rim cleaner extremely alkaline	10%	×	×	✓
Potassium hydroxide (caustic potash)	30%	×	×	✓

www.octo-pump.de/en

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	MASTERPIECE ACID+ 1000	MASTERPIECE SOLVE+ 1000	MASTERPIECE CLEAN+ 1000
Hydrocholic acid up to max. 30%	✓	×	×
Hydrofluoric acid (fluorhydric acid) up to max. 5%	✓	×	×
Solvent-containing mixtures based on hydrocarbons which can be composed of ketones, xylene, toluene and different alcohols	×	✓	×
Solvent-containing mixtures based on hydrocarbons which can be composed of several different acetates and/or ethers	×	✓	×
Solvent-containing mixtures based on hydrocarbons containing proportions of butyl acetate	×	✓	×
Solvent-containing mixtures based on hydrocarbons containing proportions of ethyl acetate	×	✓	×
Solvent.containing mixtures based on hydrocarbons containing proportions of glycol ether (e.g., 1-methoxy-2-propanol)	×	✓	×
Solvent-containing mixtures based on hydrocarbons containing proportions of cyclohexane	×	✓	×
Turpentine oils	×	✓	×
Special solvent mixtures containing naphtha	×	✓	×
Special solvent mixtures containing mineral oil	×	✓	×
Special petroleum-based solvent mixtures	×	✓	×
Pure acetone	×	×	✓
Pure methyl ethyl ketone	×	×	✓
Many Pure alcohol	×	×	✓

PLEASE NOTE THE FOLLOWING INFORMATIONS REGARDING RESISTANCE AND LIFESPAN

The information about the chemical resistance of the plastics we use, and of the seals for our compressed air sprayers, is based on the experiences of the respective raw material producers.However, to a significant extent resistance also depends on the mixing ratio or the concentration of the liquid being sprayed, and variable factors such as the temperature of the medium, the ambient temperature and the operating pressure.

This is why the chemical resistance data should be regarded only as a guideline to finding the right device from our range for the best solidity and product lifespan. The pH value indications are to be understood as rough guidelines and depend on the composition of the chemicals used.

When it comes to the world´s most aggressive and extreme chemicals, it is considered a very good result if the pressure sprayer lasts for 3 to 6 months.

Please note: due to the very different compositions and interactions of the individual substances, we can only make recommendations, not give guarantees, even though many of our products have seen many years of service and are still performing at the highest level.

Any statements made in this regard are only valid when the product is properly used as specified in the instructions manual. When a substance is being used for a longer period, or there is a longer period of contact with the substance, greater care should be taken during use.

All of the above information is invalid for substances the user has mixed themselves!