

SYSTEC® High Flow Degassers

PNs:0001-6673 & 0001-6676

Chemical Compatibility Guide

Chemical Compatibility Guide

The degasser compatibility table is based on the materials of construction as specified by the supplier.

Chemical compatibility ratings are as follows: A: Excellent, B: Good, fair, C: Poor.

Additionally, the degasser should not be exposed to conditions outside the pH range of 2-13.

CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
1,4-Dioxane	B
Acetaldehyde	C
Acetamide, Sat.	C
Acetic Acid, 5%	A
Acetic Acid, 50%	B
Acetone	C
Acetonitrile	C
Acrylonitrile	C
Adipic Acid	A
Alanine	C
Aluminum Hydroxide	B
Aluminum Salts	A
Amino Acids	A
Ammonia	C
Ammonium Acetate, Sat.	C
Ammonium Chloride	B
Ammonium Glycolate	B
Ammonium Hydroxide, 5%	B
Ammonium Oxalate	A
Ammonium Salts	A
Ammonium, Hydroxide, 30%	B
Amyl Chloride	C
Aniline	C
Aniline Hydrochloride	C
Antifreeze	B
Aqua Regia	C

*Read the final page for details regarding the usage of this table.

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CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
Aromatic Hydrocarbons	C
Arsenic Acid	A
Beer	A
Benzaldehyde	C
Benzene	C
Benzene Sulfonic Acid	C
Benzoic Acid, Sat.	B
Benzyl Acetate	C
Benzyl Alcohol	C
Bromine	C
Bromobenzene	C
Bromoform	C
Butadiene	C
Butane	C
Butter	B
Butyl Amine	B
Butyl Ether	C
Butyl Phthalate	C
Butyric Acid	C
Calcium Hydroxide, Conc.	B
Calcium Hypochlorite, Sat.	B
Calcium Salt	A
Cane Juice	A
Carbazole	C
Carbolic Acid (Phenol)	C
Carbon Disulfide	C
Carbon Tetrachloride	C
Carbonic Acid	A
Cedarwood Oil	B
Cellosolve Acetate	C
Chlorine, 10% (Moist)	C
Chlorine, 10% in Air	C
Chloroacetic Acid	C
Chloroform	C
Chromic Acid, 10%	C
Chromic Acid, 50%	C
Cinnamon Oil	B

*Read the final page for details regarding the usage of this table.

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CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
Citric Acid, 10%	A
Coffee	A
Cresol	C
Cresylic Acid	C
Cupric Acid	A
Cyanic Acid	A
Cyclohexane	C
Decalin	C
Detergents	A
Diacetone Alcohol	C
Dichlorobenzene	C
Diesel Fuel	C
Diethyl Benzene	C
Diethyl Ether	C
Diethyl Ketone	C
Diethyl Malonate	B
Diethylene Glycol	B
Diethylene Glycol Ethyl Ether	B
Dimethyl Formamide	C
Dimethylsulfoxide	C
Dipropylene Glycol	B
Epsom Salts (Magnesium Sulfate)	A
Ethane	C
Ether	C
Ethyl Acetate	C
Ethyl Alcohol (absolute)	B
Ethyl Alcohol, 40%	B
Ethyl Benzene	C
Ethyl Benzoate	C
Ethyl Butyrate	C
Ethyl Chloride	C
Ethyl Cyanoacetate	B
Ethyl Lactate	B
Ethylene Bromide	C
Ethylene Chloride, Liquid	C
Ethylene Dichloride	C
Ethylene Glycol	A
Ethylene Glycol Methyl Ether	B
Ethylene Oxide	C

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CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
Fatty Acid	B
Ferric Chloride	B
Ferric Nitrate	B
Ferric Sulfate	B
Fluorides	A
Fluorine	C
Formaldehyde, 10%	B
Formaldehyde, 40%	B
Formic Acid, 3%	B
Formic Acid, 50%	B
Formic Acid, 98-100%	B
Freon 113	C
Freon 12	C
Freon 22	C
Freon TF	C
Freonr 11	C
Fuel Oil	C
Gasoline	C
Glacial Acetic Acid	B
Glycerin	A
Grease	C
Hexane	C
Honey	A
Hydraulic oil (Petro)	B
Hydrochloric Acid, 1-5%	A
Hydrochloric Acid, 20%	A
Hydrochloric Acid, 35%	A
Hydrofluoric Acid, 4%	C
Hydrofluoric Acid, 48%	C
Hydrogen Peroxide, 3%	A
Hydrogen Peroxide, 30%	B
Hydrogen Peroxide, 90%	B
Ink	A
Isobutyl Alcohol	B
Isopropyl Acetate	C
Isopropyl Alcohol	B
Isopropyl Benzene	C
Jet Fuel (JP3, JP4, JP5)	C

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CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
Kerosene	C
Lactic Acid, 3%	A
Lactic Acid, 85%	A
Lubricants	C
Methane	C
Methoxyethyl Oleate	C
Methyl Acetate	C
Methyl Acrylate	C
Methyl Alcohol	B
Methyl Butyl Ketone	C
Methyl Cellosolve	C
Methyl Chloride	C
Methyl Ethyl Ketone	C
Methyl Isobutyl Ketone	C
Methyl Propyl Ketone	C
Methylene Chloride	C
Milk	A
Mineral Oil	B
n-Amyl Acetate	C
Naphtha	C
Naphthalene	C
n-Butyl Acetate	C
n-Butyl Alcohol	B
n-Heptane	C
Nitric Acid, 1-10%	B
Nitric Acid, 50%	B
Nitric Acid, 70%	C
Nitrobenzene	C
n-Octane	B
Orange Oil	C
Ozone	A
p-Chloroacetophenone	C
Perchloric Acid	C
Perchloroethylene	C
Phenol, Crystals	C
Phosphoric Acid, 1-5%	A
Phosphoric Acid, 85%	A
Pine Oil	C

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CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
Potassium Hydroxide, 1%	A
Potassium Hydroxide, Conc.	A
Propane	C
Propylene Glycol	B
Propylene Oxide	B
Salt Solutions, Metallic	A
Sea Water	A
sec-Butyl Alcohol	B
Silver Acetate	A
Silver Nitrate	A
Sodium Acetate, Sat.	C
Sodium Hydroxide, 1%	A
Sodium Hydroxide, 50% to Sat.	A
Sodium Hypochlorite, 15%	A
Stearic Acid, Crystals	B
Styrene	C
Sulfur Salts	B
Sulfuric Acid, 1-6%	A
Sulfuric Acid, 20%	A
Sulfuric Acid, 60%	B
Sulfuric Acid, 98%	C
Sulfuric Dioxide, Liq., 46psi	B
Sulfuric Dioxide, wet or dry	B
Tartaric Acid	A
tert-Butyl Alcohol	B
Tetrahydrofuran	C
Thionyl Chloride	C
Toluene	C
Trichloroethane	C
Trichloroethylene	C
Turpentine	C

*Read the final page for details regarding the usage of this table.

CHEMICAL	HIGH FLOW DEGASSER COMPATIBILITY
Urea	C
Vinylidene Chloride	C
Water	A
Whiskey & Wines	A
Xylene	C
Zinc Chloride	A
Zinc Sulfate	A

*Chemical Compatibility Disclaimer

This Chemical Compatibility Guide provides general compatibility information on various materials and chemicals. This information has been obtained from suppliers of materials and other third-party sources and has not been independently tested or verified by IDEX Health & Science.

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