

Important User Notice

This data is a compilation of existing data obtained from leading chemical companies and independent reports and does not represent actual testing conducted. This report is offered as a guide and was developed from information which, to the best of our knowledge, was reliable and accurate. Due to variables and conditions of application beyond our control, none of the data shown in this guide is to be construed as a guarantee, expressed or implied. We assume no responsibility, obligation, or liability in conjunction with the use or misuse of the information herein.

Products

The following table lists all Hazero products that the Contain compatibility guide is applicable to. For further information please contact Hazero.

Products	
Spill Trays	Mobile Containment
01-1032	01-1029
01-1036	Outdoor Containment
01-1038	01-1061
01-1040	01-1078
Low Profile Work Floors	01-1079
01-1022	01-1080
01-1023	Overpack Drums
01-1024	03-1003
01-1072	03-1001
01-1073	03-1000
01-1074	
01-1082	
01-1083	
01-1084	
01-1081	
Drum / IBC Spill Pallets	
01-1020	
01-1021	
01-1043	
01-1025	
01-1026	
01-1085	
01-1086	
01-1087	

Polyethylene Compatibility Guide

Acetaldehyde (40%)	L	Battery Fluid Acid	S	Cottonseed Oil	L	Gasoline	L
Acetamide	L	Beef Tallow Emulsion, Sulfonated	L	Cresol (90%)	L	Gasohol	L
Acetic Acid (50%)	L	Beer	L	Cresylic Acid	L	Gelatine	L
Acetic Acid (100%)	N	Benzaldehyde	L	Crotonic Aldehyde	L	Gin	L
Acetic Acid Anhydride	S	Benzene	L	Cuprous Chloride Sat'd	L	Gluconic Acid (All Conc.)	L
Acetic Ether	S	Benzene Sulfonic Acid	S	Cyclohexane	L	Glucose	L
Acetone	L	Benzoic Acid	L	Cyclohexanol	L	Glycerine	L
Acetylene Tetrabromide	S	Benzyl Alcohol	L	Cyclohexanone	S	Glycol	L
Acrylic Emulsions	S	Benzyl Chloroformate	L	Detergents, General	L	Glycol Ethers	L
Acrylonitrile	L	Bismuth Salts	L	Developer, Photographic	L	Glycolic Acid (All Conc.)	L
Adipic Acid	L	Bleach Lye (10%)	S	Dextrin Sat'd	L	Grape Sugar Sat'd Aq.	L
Aliphatic Hydrocarbons (Hexane, Octane, hexene, Octene, Etc.)	L	Black Liquor	L	Dextrose Sat'd	L	Heptane	L
Allyl Alcohol (96%)	L	Borax Cold Sat'd	L	Dibutyl Ether	N	Hexane	L
Alum (Aqueous Solutions)	L	Boric Acid Dilute	L	Dibutylphthalate	S	Hexanol Tert	L
Aluminum Chloride (20%)	L	Boric Acid Conc.	L	Dibutyl Sebacate	S	Hydrazine Hydrate	L
Aluminum Fluoride	L	Bromine, Liquid	N	Dichloroacetic Acid	S	Hydrosulfite (10%)	L
Aluminum Hydrogen Solution (10%)	L	Bromine, Water	N	Dichloroacetic Acid, Methyl Ester	S	Hydroxylamine Sulfate	L
Aluminum Hydroxide	L	Bromobenzene	N	Dichlorobenzene, Liquid	N	Hydrazine (35%)	L
Alums (All Types)	L	Bromoform	N	Dichloroethylene	N	Hydrazine Hydrochloride	L
Ammonia (Anhydrous)	L	Butadiene	L	Diesel Fuel	S	Hydroiodic Acid (All Conc.)	L
Ammonia (Aqueous)	L	Butane	L	Diesel Oil	S	Hydrobromic Acid (50%)	L
Ammonia (100% Dry Gas)	L	Butanediol (100%)	L	Diethyl Carbonate	L	Hydrocyanic Acid Sat'd	L
Ammonium Salts	L	Butanol	L	Disodium Phosphate	L	Hydrochloric Acid (All Conc.)	L
Ammonium Acetate	L	Butyl Acetate	L	Diazo Salts	L	Hydrofluoric Acid (All Conc.)	L
Ammonium Bifluoride	L	Butyl Alcohol (100%)	L	Diethylene Glycol	L	Hydrofluorosilicic Acid (All Conc.)	L
Ammonium Carbonate 50%	L	Butylene	N	Diethanolamine	S	Hydrogen Bromide (10%)	L
Ammonium Chloride	L	Butylene Glycol	L	Diglycolic Acid (30%)	L	Hydrogen Peroxide (90%)	L
Ammonium Hydrogen Fluoride (50%)	L	Butylene Liquid	N	Di-Isobutyl Ketone	S	Hydrogen Phosphide 100%	L
Ammonium Hydroxide	L	Butyl Phenol	N	Dimethylamine	S	Hydroquinone	L
Ammonium Metaphosphate Sat'd	L	Butyric Acid	L	Dimethyl Formamide	S	Hydrogen Sulfide	L
Ammonium Nitrate (10%)	L	Calcium Carbonate	L	Dinonyl Phthalate	N	Hypochlorous Acid	L
Ammonium Nitrate Sat'd	L	Calcium Chloride	L	Diocetyl Phthalate	N	Inks	L
Ammonium Persulfate Sat'd	L	Calcium Hydroxide	L	Dioxane	L	Iodine (Alic. Sol.) Conc.	L
Ammonium Phosphate	L	Calcium Hypochlorite	L	Diphenyl Oxide	N	Iron Salts	L
Ammonium Sulfate (1%)	L	Calcium Nitrate (50%)	L	Electrolyte	L	Iso-Octane	S
Ammonium Sulfate Sat'd	L	Calcium Sulfate	L	Emulsions, Photographic	L	Isopropyl Acetate	L
Ammonium Sulfide Sat'd	L	Camphor Oil	N	Ethanol	L	Isopropyl Alcohol	L
Ammonium Thiocyanate Sat'd	L	Carbon Disulfide	N	Ether	N	Isopropyl Ether	N
Amyl Acetate	L	Carbonic Acid (Aq.CO2)	L	Ethyl Acetate (100%)	S	Jetfuel	S
Amyl Alcohol (100%)	L	Carbon Monoxide	L	Ethyl Alcohol	L	Kerosene	S
Amyl Chloride	N	Carbon Tetrachloride	N	Ethyl Butyrate	S	Lactic Acid (All Conc.)	L
Aniline (100%)	S	Castor Oil Conc.	L	Ethyl Chloride	N	Lanolin	L
Aniline Hydrochloride	S	Caustic (Aqueous)	L	Ethyl Ether	N	Latex	L
Animal Fats	L	Caustic Potash Sol. (50%)	L	Ethylene Chloride	N	Lead Salts	L
Anti-Freeze	L	Caustic Soda Sol. (10%)	L	Ethylene Chlorohydrin	L	Lead Acetate Sat'd	L
Antimony Salts	L	Chloral Hydrate	L	Ethylene Diamine	L	LIME	L
Antimony Trichloride 90%	L	Chloroethanol	L	Ethylene Dichloride	N	Linseed Oil	L
Aqua Regia	N	Chloric Acid (10%)	L	Ethylene Glycol	L	Lithium Salts	L
Aqueous Salt Solutions (NaCl)	L	Chloroacetic Acid	L	Ethylene Oxide	N	Lube Oil	L
Aqueous Alkalies (NaOH)	L	Chlorobenzene	L	Fatty Acids	L	Magnesium Salts	L
Arsenic Acid	L	Chloroform	N	Fatty Alcohol Sulfonate	L	Magnesium Carbonate	L
Arsenic Salts	L	Chloromethane	N	Ferric Salts	L	Magnesium Hydroxide	L
Barium Salts	L	Chlorosulfonic Acid 100%	N	Ferric Sulfate	L	Magnesium Nitrate	L
Barium Carbonate	L	Chrome Alum Sat'd	L	Ferrous Salts	L	Magnesium Oxide	L
Barium Chloride	L	Chromic Acid (50%)	S	Ferrous Sulfate	L	Magnesium Sulfate	L
Barium Cyanide	L	Cider	L	Fertilizer Salts	L	Maleic Acid	L
Barium Hydroxide	L	Citric Acid (All Conc.)	L	Fish Solubles	L	Malic Acid (1%)	L
Barium Nitrate	L	Clorox Bleach	L	Fluoboric Acid	L	Mercuric Salts	L
Barium Sulfate	L	Coconut Oil Alcohols	L	Formaldehyde (40%)	L	Mercurous Salts	L
Barium Sulfide	L	Cola Concentrates	L	Formamide	L	Mercury	L
		Compressed Air Conditioning Oil	L	Formic Acid (All Conc.)	L	Methanol	L
		Copper Salts	L	Fruit Pulp	L	Methyl Acetate	L
		Copper Cyanide	L	Fuel Oil	L	Methyl Alcohol (100%)	L
		Copper Nitrate	L	Furfural (100%)	L	Methyl Amine (32%)	L
		Copper Nitrate	L	Furfuryl Alcohol	N	Methyl Bromide	N
		Copper Sulfate	L	Gallic Acid Sat'd	L		

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Methyl Chloride	N	Potassium Iodide	L	Sugar Solutions, Glucose, Lactose, Sucrose, etc.	L
Methylene Chloride	N	Potassium Nitrate Sat'd	L	Sulfur	L
Methyl Ethyl Ketone	S	Potassium Perborate Sat'd	L	Sulfuric Acid (98%)	S
Methyl Isobutyl Ketone	S	Potassium Perchlorate	L	Sulfuric Acid, Fuming	N
Methyl Isopropyl ketone	S	Potassium Permanganate	L	Sulfurous Acid	L
Methyl Sulfate	L	Potassium Persulfate Sat'd	L	Sulfuryl Chloride	N
Methyl Sulfuric Acid (All Conc.)	L	Potassium Phosphates	L	Tallow	L
Milk	L	Potassium Sulfate	L	Tannic Acid	L
Mineral Oils	L	Propanol	L	Tanning Extracts	L
Molasses	L	Propargyl Alcohol (7%)	L	Tartaric Acid Sat'd	L
Monochloroacetic Acid Ethyl Ester	L	Propionic Acid (50%)	L	Tetrachloroethane	N
Monochloroacetic Acid Methyl Ester	L	Propyl Alcohol	L	Tetrachloroethylene	N
Morpholin	L	Propylene Dichloride (100%)	L	Tetraethyl Lead	L
Mowilith D	L	Propylene Glycol	L	Tetrahydrofuran	N
Muriatic Acid/LNaptha	S	Propylene Oxide	L	Tetrahydronaphthalene	N
Napthalene	S	Pyridine	S	Thionyl Chloride	N
Nickel Salts	L	Rayon Coagulation Salts	L	Tin Salts	L
Nicotine, Dilute	L	Rust Inhibitors	L	Titanium Salts	S
Nicotinic Acid	L	Sea Water	L	Toluene	S
Nitric Acid <50%	L	Selenic Acid	L	Toluene Sulfonic Acid (All Conc.)	S
Nitrobenzene	S	Sewage	L	Transformer Oil	L
Nitrotoluene	S	Shortening	L	Tributylphosphate	L
Octyl Cresol	L	Silicic Acid	L	Trichloroacetic Acid	S
Oils and Fats	L	Silicone Oil	L	Trichloroethane	N
Oleic Acid (All Conc.)	L	Silver Salts	L	Trichloroethylene	N
Oleum Conc.	N	Silver Nitrate	L	Tricresyl Phosphate	L
Olive Oil	L	Soda Solution (All Conc.)	L	Triethanolamine	L
Orange Extract	L	Soda Ash	L	Trioctyl Phosphate	N
Oxalic Acid (All Conc.)	L	Sodium Salts	L	Trisodium Phosphate Sat'd L	L
Palmitic Acid	N	Sodium Acetate Sat'd	L	Trichloroethylene	N
Palm Oil	S	Sodium Acrylates	L	Turpentine Oil	N
Paraffin Emulsions	L	Sodium Benzoate	L	Urea	L
Paraffin Oil	L	Sodium Bicarbonate	L	Urine	L
Perchloric Acid (50%)	L	Sodium Bisulfate (10%)	L	Vegetable Oils	L
Perchloroethylene	N	Sodium Bisulfite	L	Vinagar	L
Petroleum	L	Sodium Bromate	S	Vanilla Extract	L
Petroleum Ether	S	Sodium Bromide	L	Wax Alcohol	N
Phenol (90%)	N	Sodium Bromide Dilute Sol.	L	Wetting Agents	L
Phenyhydrazine	N	Sodium Carbonate	L	Whisky	L
Phosphoric Acid All Conc	L	Sodium Chlorate	L	White Acid (75%)	L
Phosphorous Chlorides	S	Sodium Chloride	L	Wine	L
Phosphorous Yellow (100%)	L	Sodium Chlorite	L	Xylene	N
Phosphorous Pentoxide	L	Sodium Chromate	L	Yeast	L
Photographic Solutions	L	Sodium Disulfite	L	Zinc Salts	L
Phthalic Acid (All Conc.)	L	Sodium Dithionite (10%)	L	Zinc Sulfate	L
Phthalic Anhydride	L	Sodium Ferricyanide	L		
Pickling Baths, Sulfuric Acid, Hydrochloric Acid	L	Sodium Ferrocyanide Sat'd	L		
Picric Acid (1%)	L	Sodium Fluoride Sat'd	L		
Plating Solutions	L	Sodium Hydroxide Conc.	L		
Potash	L	Sodium Hypochlorite	L		
Potassium/Aluminum Sulfates (50%)	L	Sodium Iodide	L		
Potassium Bichromate	L	Sodium Nitrate	L		
Potassium Borate (10%)	L	Sodium Oxalate	L		
Potassium Bromide	L	Sodium Persulfate	L		
Potassium Chlorate	L	Sodium Phosphate	L		
Potassium Chloride	L	Sodium Silicate	L		
Potassium Chromate	L	Sodium Sulfate	L		
Potassium Cyanide	L	Sodium Sulfide	L		
Potassium Dichromate 40%	L	Sodium Sulfite	L		
Potassium Ferri/ Ferro Cyanide Sat'd	L	Sodium Sulfonates	L		
Potassium Fluoride	L	Sodium Thiosulfate	L		
Potassium Hydroxide	L	Spindle Oil	L		
		Stannic Salts	L		
		Stannous Salts	L		
		Starch Solution Sat'd	L		
		Stearic Acid (All Conc.)	L		
		Succinic Acid	L		

KEY

L (Long term) - Products should be suitable for prolonged or repeated contact with these substances, under the conditions specified.

S (Short term) - These substances may adversely affect the polyethylene. Controlco products may be suitable for intermittent contact; however, some deterioration in properties may occur. The user should perform qualification tests before or during usage of the container.

N (Not suitable) - These substances aggressively attack polyethylene or have vapor pressures incompatible with closed containers. Do not use polyethylene containers in these applications.