

# SpilMax<sup>®</sup>

Spill Response Products



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## ABSORBENT CHEMICAL COMPATIBILITY GUIDE

# THE SPILMAX® RANGE OF SPILL RESPONSE PRODUCTS ARE SUITABLE FOR USE ON A WIDE RANGE OF LIQUIDS.

This guide has been developed to help SpilMax® customers determine if a product is appropriate for the liquid it will come in contact with.

Choosing the right product to clean up a spill sometimes requires extra consideration. Compounds (liquids) included in this document are those for which third party advice was given. This tool has been created to help you decide if a product could be suitable for the clean up of a liquid. SpilMax® and its distributors accept no liability for any harm or damage arising from the use or misuse of the information contained in this document. If you feel further consultation is necessary, please consult your supplier with questions of chemical compatibility.

## GENERAL SUITABILITY

PRODUCT	COMPOSITION	GENERAL SUITABILITY	NOT SUITABLE
Zeolite Floor Sweep	Heat sterilised mineral	Most chemicals and liquids including oils, grease, petrol, diesel, solvents, coolant, degreasers, mild acids, bases, paints, varnish, inks, dyes, edibles, water, disinfectants, ammonia, commercial liquid waste, urine and other human and animal fluids.	Hydrofluoric acid, strong acids or strong oxidising agents.
Premium Plus Floor Sweep	Organic cellulose matter	Hydrocarbon and water based liquids including oils, fuels, lubricants, hydraulic fluids, solvents, alcohols, paints (oil based), drying oils, pesticides, vegetable oils, cooking oils, animal fats, protein fluids, sewerage and class 3 flammable liquids.	Corrosive or highly oxidising agents.
Natura-Sorb Floor Sweep	Organic wood and cellulose fibres	Hydrocarbon and water based liquids.	Corrosive or highly oxidising agents
Stopleak Repair Putty	Bentonite clay	Most chemicals	Unknown
Universal Wipes	Vistex	Hydrocarbon and water based liquids water, oils, fuels, diesel, coolant, general workplace chemicals and common agricultural chemicals.	Corrosive or highly oxidising agents.
Oil & Fuel Absorbents	Polypropylene	Refer chart "Chemical Compatibility Of Polypropylene Absorbents"	
UniChem Absorbents	Polypropylene	Refer chart "Chemical Compatibility Of Polypropylene Absorbents"	



## GENERAL SUITABILITY

PRODUCT	CLASS 1	CLASS 3 LIQUIDS	CLASS 4.2	CLASS 4.3	CLASS 5	CLASS 6 TOXICS	CLASS 7
Natura-Sorb Floor Sweep	No	Caution	No	No	No	Yes	Caution
Premium Plus Floor Sweep	No	Yes	No	No	No	Yes	No
Zeolite Floor Sweep	Yes	Yes	Yes	Yes	No	Yes	Caution
StopLeak Repair Putty (Bentonite Clay)	No	Yes	No	No	No	Yes	No

PRODUCT	CLASS 8 ACIDS	CLASS 8 ALKALIS	CLASS 9		FLOATS ON LIQUID?	INCOMPATIBILITY OR CAUTION NOTES
Natura-Sorb Floor Sweep	Yes	Yes	Yes	Yes	Initially	Fish oil, shark oil, linseed oil, wood turpentine, varnish, nitric acid >70%, flammable peroxidizable solvents (including: acetaldehyde, acetal, acrolein, cumene (isopropylbenzene), cyclohexene, dioxane, ethyl ether, furan, isopropyl ether, styrene, tetrahydrofuran, divinyl ether, and vinyl pyridine). Low density for class 7
Premium Plus Floor Sweep	Yes	Yes	Yes	Yes	Initially	
Zeolite Floor Sweep	Yes	Yes	Yes	Yes	No	Low density for class 7
StopLeak Repair Putty (Bentonite Clay)	No	Yes	Yes	Yes	No	

# CHEMICAL COMPATIBILITY OF POLYPROPYLENE ABSORBENT

COMPOUND	OIL & FUEL	UNICHEM
Acetic acid	-	+
Acetic anhydride	-	+
Acetone	+	+
Acetone cyanohydrin	-	+
Acetyl bromide	-	+
Acetyl chloride	-	+
Acrolein	+	+
Acrylic acid	-	+
Acrylic emulsions	-	+
Acrylonitrile	-	+
Aircraft fuel	+	+
Allyl alcohol	-	+
Aminobenzoic acid	-	+
Ammonia (anhydrous)	+	+
Ammonium hydroxide	+	+
Amyl acetate	+	+
Amyl alcohol	-	+
Aniline	-	+
Aqua regia	-	+
Arsenic trichloride	-	+
Aviation fuel	+	+
Benzene	+	+
Benzoic acid	-	+
Benzonitrile	-	+
Benzoyl chloride	-	+
Benzyl alcohol	-	+
Boric fluid	-	+
Brake fluid	+	+
Bromine	-	+
Butyl acetate	+	+
Butyl amine	-	+

COMPOUND	OIL & FUEL	UNICHEM
Butyl phthalate	-	+
Butylamine	-	+
Butyrate	+	+
Butyric acid	+	+
Calcium hydroxide	-	+
Carbolic acid	-	+
Carbon disulfide	-	+
Carbon disulfide	-	+
Carbon tetrachloride	+	+
Castor oil	+	+
Chlordane insecticide	-	+
Chlorine water	-	+
Chloroacetic acid	-	+
Chlorobenzene	-	+
Chloroethane	+	+
Chloroform	+	+
Chloropropene	+	+
Chlorosulfonic acid	-	+
Chlorosulfonic acid	-	+
Chromic acid (50%)	-	+
Citric acid	-	+
Clorox (bleach)	-	+
Corn oil	+	+
Cottonseed oil	+	+
Cresol	+	+
Crotonaldehyde	-	+
Crylic acid	-	+
Cyclohexane	+	+
Detergents	-	+
Diazinon	-	+
Dichlorobenzene	+	+

+ compatible

- not compatible

SpilMax and its distributors accept no liability for any harm or damage arising from the use or misuse of the information contained in this chart.

# CHEMICAL COMPATIBILITY OF POLYPROPYLENE ABSORBENT

COMPOUND	OIL & FUEL	UNICHEM
Dichlorvos	-	+
Diethylamine	+	+
Diethyle ether	+	+
Diisooctyl phthalate	+	+
Dimethylamine	-	+
Dinitrobenzene	+	+
Dioxan	-	+
Disulfoton	-	+
Engine oil	+	+
Epichlorohydrin	-	+
Epoxypropane	-	+
Ether	+	+
Ethyl acetate	+	+
Ethyl alcohol	+	+
Ethyl benzene	+	+
Ethyl chloride	+	+
Ethyl ether	+	+
Ethyl propionate	+	+
Ethylbenzene	+	+
"Ethylene dibrom	-	+
Ethylene dichloride	-	+
Ethylene glycol	-	+
Formaldehyde	-	+
Formic acid	-	+
Fuel oil	+	+
Furfural	-	+
Gasoline	+	+
Gearbox oil	+	+
Glacial acetic acid	-	+
Glycerol	-	+
Glycol	-	+

COMPOUND	OIL & FUEL	UNICHEM
Heptane	+	+
Hexachlorocyclopentadiene	-	+
Hexane	+	+
Hydraulic oil	+	+
Hydrazine	-	+
Hydrochloric acid	-	+
Hydrofluoric acid	-	+
Hydrogen cyanide	+	+
Hydrogen peroxide	-	+
Isobutanol	+	+
Isobutyl alcohol	+	+
Isobutyric acid	+	+
Isopropyl acetate	+	+
Isopropyl alcohol	+	+
Kerosene	+	+
Keytones	+	+
Linseed oil	+	+
Lubricating oil	+	+
Menite	-	+
Methyl alcohol	+	+
Methyl chloride	+	+
Methyl ether	+	+
Methyl ethyl ketone	+	+
Methyl propionate	+	+
Methylbenzene	+	+
Mineral oil	+	+
Monoethylamine	-	+
Monomethylamine	-	+
Motor oil	+	+
Naphthalene	+	+
N-butyl acetate	+	+

+ compatible

- not compatible

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# CHEMICAL COMPATIBILITY OF POLYPROPYLENE ABSORBENT

COMPOUND	OIL & FUEL	UNICHEM
Nikasol	+	+
Nitric acid	-	+
Nitrobenzene	-	+
Nitrobenzoic acid	-	+
Nitrotoluene	+	+
Octane	+	+
Oleic acid	+	+
Olive oil	+	+
Paraffin	+	+
Parathion	-	+
Perchloroethylene	+	+
Petroleum ether	+	+
Phenol	-	+
Phosphoric acid	-	+
Phosphorus oxychloride	-	+
Phosphorus trichloride	-	+
Plating solutions	-	+
Polychlorinated phenol	-	+
Potassium hydroxide	-	+
Propanol	-	+
Propionic acid	+	+
Propionic anhydride	-	+
Propyl alcohol	+	+
Propylene glycol	+	+
Pyrethrin	-	+
Quinoline	-	+
Resorcinol	-	+
Saccharose	-	+
Salt solutions	-	+
Silicone oil	+	+
Silver nitrate	-	+

COMPOUND	OIL & FUEL	UNICHEM
Soap solution	+	+
Sodium bicarbonate	-	+
Sodium chloride	-	+
Sodium hydroxide	-	+
Sodium hypochlorite	-	+
Sodium nitrate	-	+
Stannic chloride	-	+
Starch	-	+
Styrene	+	+
Sucrose	-	+
Sulfur monochloride	-	+
Sulfuric acid	-	+
Synthetic motor oil	+	+
Tannic acid	-	+
Tetraethyl pyrophosphate	-	+
Tetraethyl-lead	-	+
Toluene	+	+
Transformer oil	+	+
Trichloroethylene	+	+
Triethylamine	+	+
Triethylene glycol	+	+
Trimethylamine	-	+
Turpentine	+	+
Urine	-	+
Vegetable oil	+	+
Vinegar	-	+
Vinyl acetate	+	+
Vinylidene chloride	-	+
Vitriol	-	+
Water	-	+
Xylene	+	+

+ compatible

- not compatible

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