

TRIVOREX® polyvalent neutralizing absorbent Effectiveness
Examples of compatible products

Date of introduction : 17 November 2015

date : 1 (11 septembre 2017)

commercial name in *italic*

Chemical	CAS Number	Characteristics	Hazards
1-butanol	71-36-3	solvent	flammable, irritant
1-hexanol	111-27-3	solvent	irritant
2-ethoxyethanol	110-80-5	solvent	flammable
acetic acid 100%	64-19-7	acid	corrosive, flammable
Acetic anhydride	108-24-7	-	harmful, flammable, corrosive, fatal
acetone	67-64-1	aprotic polar solvent	flammable
acetonitrile	75-05-8	aprotic polar solvent	harmful, flammable
ammonia 20%	1336-21-6	base	corrosive
<i>Bavdur 33BD31 (polyol)</i>	-	polymerizer	irritant
bleach	7681-52-9	base and oxidizing agent	corrosive
boron tribromide	10294-33-4	Lewis acid	very toxic, reacts violently with water
boron trifluoride methanol complex	16045-88-8	Lewis acid	flammable, toxic, corrosive
bromine (ask for letter from lab)	7726-95-6	oxidizing agent	fatal, corrosive, dangerous to the environment
<i>Buffered oxide etch</i>	12125-01-8 7664-39-3 7732-18-5	etchant	corrosive, fatal,
butan-2-one	78-93-3	aprotic polar solvent	irritant, flammable
Buthyltin trichloride	1118-46-3	electrophile	corrosive
carbon tetrachloride	56-23-5	solvent	carcinogen, irritant
<i>Cascophen AG-56000Q®</i>	-	monomer	combustible
<i>Cascoset FM-6310L</i>	-	monomer	harmful, corrosive
chloroform	67-66-3	solvent	toxic
chlorotrimethylsilane	75-77-4	electrophile	flammable, corrosive
chromic acid	1333-82-0	acid and oxidizing agent	very toxic, corrosive
Cumene	98-82-8	solvent	flammable, fatal, dangerous to the environment
Cumene hydroperoxide	80-15-9	oxidizing agent	flammable, toxic, fatal, corrosive, dangerous to the environment
<i>deptal MDS</i>	-	base and oxidizing agent	corrosive
<i>deptal OC</i>	-	base and oxidizing agent	irritant
<i>deptal RC</i>	-	base and oxidizing agent	irritant, dangerous to the environment
<i>Desmodur 44 V 20 L</i>	9016-87-9	-	irritant, skin and respiratory sensitizer, mutagen, harmful
dichloroethane	107-06-2	solvent	flammable
dichloroethylen	156-60-1	solvent	flammable, toxic
Dicobalt hexacarbonyl butylacetylene	56792-69-9	-	combustible, toxic
diethylanilin	91-66-7	base, solvent	corrosive
diethylether	60-29-7	solvent	flammable, toxic
diethyl carbonate	105-58-8	solvent	flammable
diethylsulfat	64-67-5	alkylant	toxic, corrosive
Dimethyl sulfide boran	13292-87-0	reducing agent	flammable, toxic, corrosive
Dimethyl sulfoxide	97-68-5	polar solvent	-
dimethylsulfat	77-78-1	alkylant	toxic, corrosive
dioxadithiane tetraoxide (MMDS)	99591-74-9	-	fatal, harmful, skin sensitizer, dangerous to the environment, mutagen
diphenylmethan diisocyanate	9016-87-9	electrophile	irritant, toxic
ethanethiol	75-08-1	nucleophile	flammable, toxic
ethanol	64-17-5	protic polar solvent	flammable
ethylen carbonate	96-49-1	polar solvent	irritant, harmful
ethylen glycol	107-21-1	solvent	-
ethylendiamin	107-15-3	base	corrosive
ethyl methyl carbonate	623-53-0	solvent	flammable
EDTA 4H	64-02-8	chelating agent	corrosive, harmful
<i>flopam DW2160</i>	-	flocculant	-
fluoboric acid in water	16872-11-0	acid	-
fluoronitric acid	7664-39-3 7697-37-2	acid	toxic, corrosive
formaldehyde 36%	50-00-0	aprotic polar solvent	harmful
furfuryl alcohol	98-00-0	monomer	combustible, toxic, dangerous for the environment
<i>Glycerom</i>	56-81-5	solvent	-
<i>Glymo</i>	2530-83-8	epoxide	corrosive
guanidine nitrate	506-93-4	-	harmful, corrosive
Hexachlorodisilane	13465-77-5	-	corrosive, fatal, combustible
hexadimethylsilane	1450-15-2	-	flammable, irritant
<i>Hydra-point G</i>	67-56-1	-	flammable, toxic, corrosive
<i>hydra-point titrant 5</i>	67-56-1 7553-56-2	-	flammable, toxic, dangerous for the environment
hydrazine hydrat 55%	10217-52-4	reducing agent	-
hydrobromic acid	10035-10-6	acid	corrosive
hydrochloric acid 35%	7647-01-0	strong acid	corrosive
hydrofluoric acid 70%	7664-39-3	acid	very toxic, corrosive
hydrogen peroxide 50%	7722-84-1	oxydizing agent	corrosive
<i>hyprotank ED</i>	-	base	corrosive
isoamylacetate	123-92-2	solvent	-
lactic acid	79-33-4	acid	corrosive
lithium hexafluorophosphate (LiPF6)	21324-40-3	electrolyte	toxic, corrosive
methyl isobutyl ketone	108-10-1	aprotic polar solvent	flammable
methyl pyrrolidone	872-50-4	aprotic polar solvent	irritant
methyl ethyl ketone	78-93-3	aprotic polar solvent	irritant, very flammable
m-toluidene diisocyanate	26471-62-5	monomer	fatal, irritant, skin and respiratory sensitizer, mutagen, dangerous for the
m-xylene	108-38-3	slightly polar solvent	harmful, flammable
nitric acid 98%	7697-37-2	strong acid	corrosive
pentane	109-66-0	apolar solvent	flammable
Perchloric acid 70%	7601-90-3	acid, oxidizing agent	flammable, corrosive
phenol	108-95-2	solvent, nucleophile	corrosive, toxic
Phosphoric acid in water solution	7664-38-2	acid	toxic, corrosive
phosphorus trichloride 98%	7719-12-2	Lewis acid	corrosive, very toxic
phosphoryl chloride	10025-87-3	electrophile	corrosive, fatal
Picric acid in ethanol (picral)	88-89-1	acid	flammable, harmful
pivaloyl chloride	3282-30-2	acyl chloride	toxic, corrosive
pneumatic oil	-	hydrocarbon oil	-
potassium hydroxide	1310-58-3	base	harmful, corrosive
potassium dichromate	7778-50-8	oxidizing agent	toxic, oxidiser

potassium perchlorate	7778-74-7	oxidizing agent	explosive material, harmful
potassium permanganate 10%	7722-64-7	oxidizing agent	harmful, oxidiser
propylene glycol	57-55-6	solvent	-
sodium etasulfate	126-92-1	-	corrosive, irritant
sodium hydroxide 50%	1310-73-2	strong base	corrosive
sulfuric acid 98%	7664-93-9	strong acid	corrosive
sulphuric acid /hydrogen peroxide (3:1)	-	acid and oxidizing agent	corrosive, oxydiser
sunflower oil	-	vegetable oil	-
stabilized glacial acrylic acid	79-10-7	monomer	harmful, corrosive, irritant, flammable, dangerous for the environment
stabilized glacial methacrylic acid	79-41-4	monomer	harmful, toxic, corrosive
tetraethyl orthosilicate	78-10-4	electrophile	flammable, irritant
Tetrafluoroboric acid solution	16872-11-0	acid	corrosive
Tetrahydrofurane	109-99-9	solvent	flammable, irritant
Tetrakis (ethylmethlamido) zirconium	175923-04-3	reducing agent	react with water
tetramethyl ammonium hydroxide (TMAH)	75-59-2	base, basic solvent	fatal, corrosive, dangerous to the environment
tetramethyltetramethylene diperoxide	78-63-7	-	flammable, irritant
thionyl chloride	7719-09-7	acyl chloride	corrosive
titanium tetrachloride 99%	7550-45-0	Lewis acid	corrosive
toluene	108-88-3	slightly polar solvent	harmful, flammable
Trichlorosilane	13465-77-5	silicium source	flammable, pyrophoric, harmful, irritant, react violently with water or air
Triethyl phosphite	122-52-1	nucleophile	flammable, irritant
Trifluoroacetic acid	76-08-1	acid	corrosive
Tris(dimethylamino) Cyclopentadienyl	33271-88-4	-	flammable, harmful
Trisilylamine	13862-16-3	-	corrosive, toxic, flammable
vinylene carbonate	872-36-6	-	harmful, toxic, irritant, skin sensitizer, dangerous to the environment
water	77-3218-5	protic polar solvent	-
yacco oil 20W50	-	hydrocarbon oil	-
zetaq XT44	-	flocculant	irritant

It is possible to add Trivorex[®] polyvalent neutralizing absorbent and then Le Vert[®] solution (or water) to optimize the neutralization of concentrated acids and bases.