



# ABSOL absorbs, contains and decontaminates

ABSOL absorbs, contains and decontaminates environmentally hazardous liquids such as oil, paint, solvents and chemicals, as well as neutralising acids.

ABSOL is non-flammable and effectively reduces the risk of slipping on surfaces.

ABSOL makes a big difference. Compare for yourself in the tables below.

For more information contact us at Yxhult or read more about our company and our products at [www.yxhult.se](http://www.yxhult.se)



Table 1

Type of sorbent	Spec. area m <sup>2</sup> /g	Form	Sorbtion	Suitable for soaking up liquids		Suitable for soaking up chemicals		Suitable for neutralising acids		Fire retarding		
				General	Complete	General	Complete	General	Complete	Before sorbtion	After sorbtion	Extinguishing.
Inorganic porous, such as calcium silicate hydrate, ABSOL	30	Cellular	Absorption Adsorption	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inorganic porous, such as sand, volcanic ash, clay, pumice	1–2	Granular mineral	Adsorption	Yes	No	Yes	No	No	No	Yes	No	No
Organic porous, such as peat, paper, cardboard		Fibre	Adsorption	Yes	No	Yes	No	No	No	Yes/No	No	No
Organic solid, such as sawdust, wood chippings, bark		Fibre	Adsorption	Yes	No	Yes	No	No	No	No	No	No
Porous polymer		Solid, porous	Adsorption	Yes	No	Yes	No	Yes	No	No	No	No
Solid polymer		Granular	Adsorption	Yes	No	Yes	No	Yes	No	No	No	No

**Table 2**

Type of sorbent	Petroleum petrochem. products	Solvents	Ketones	Glycols etc.	Chlorinated hydrocarb.	Esters	Various: terpenes, flax oil, dried oils	Acids	Oxidising agent	Bases
Use	1	2	3	4	5	6	7	8	9	10
Inorganic porous, such as calcium silicate hydrate, ABSOL	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Inorganic porous such as sand, volcanic ash, clay, pumice	OK (offgassing)	OK (offgassing)	OK	some risk of corrosive burns offgassing	some risk of corrosive burns offgassing	OK	OK	OK some give off nitrous gases	OK some corrosion	OK
Organic porous, such as peat, paper, cardboard	fire risk	fire risk	OK	some risk of corrosive burns offgassing	some risk of corrosive burns offgassing	OK	self-igniting	severe nitrous offgassing	fire risk explosion risk	OK
Organic solid, such as sawdust, wood chippings, bark	fire risk	fire risk	OK	some risk of corrosive burns offgassing	some risk of corrosive burns offgassing	OK	self-igniting	severe nitrous offgassing	fire risk explosion risk	OK
Porous polymer	fire risk	fire risk	OK	some risk of corrosive burns	some risk of corrosive burns	OK	self-igniting	OK	fire risk explosion risk	OK
Solid polymer	fire risk	fire risk	OK	some risk of corrosive burns offgassing	some risk of corrosive burns offgassing	OK	self-igniting	OK	fire risk explosion risk	OK

**Table 3**

Type of sorbent	Slip-resistant		Neutralising	Nitric acid		Violent, hazardous reactions	Environmentally safe after acid sorbtion	Breaks down on combustion
	Before sorbtion	After sorbtion		NO <sub>2</sub>	Residual acid			
Inorganic porous, such as calcium silicate hydrate, ABSOL	Yes	Yes	Yes	< 0.5	5.2	No	Yes	Yes
Inorganic porous, such as sand, volcanic ash, clay, pumice	Yes	Yes / No	No	ppm 15->25 < 0.5	% 80-95 87	Yes / No	No	No
Organic porous, such as peat, paper, cardboard	Yes / No	No	No	> 50	90	Yes	No	Yes / No
Organic solid, such as sawdust, wood chippings, bark	No	No	No	> 50	90	Yes	No	Yes / No
Porous polymer	No	No	No	< 0.5	85	No	No	No
Solid polymer	No	No	No	< 0.5	85	No	No	No

