

Tel: +44 (0) 1924 442701 Fax: +44 (0) 1924 471925 www.spill-kits-direct.co.uk sales@spill-kits-direct.co.uk

Compatibility Data

The list below is not exhaustive. For details of the correct absorbent to use for other liquids, please contact us with details of your fluid.

WHICH SORBENT?

COMMON AQUEOUS SOLUTIONS	WHICH SURBEN	OIL	CHEMICAL
Blood	000	X	000
Salt water	000	Χ	000
Carbonated soft drinks	000	Χ	000
Gastric (stomach) acid		Χ	000
Liquid manure		X	
Milk	000	X	
Dilute acids & alkalis	000	Χ	000
Dilute bleach	000	Χ	000
Vinegar	000	Χ	000
WATER			
Bottled Water	000	Χ	000
Industrial waste water		Χ	000
Tap water	000	Χ	000
Soapy water	000		000
ALCOHOLS			
Beer/wine	000	Χ	000
Ethanol (100%)	000		000
Ethylene glycol	000		
Methanol	000	000	000
Phenol	000		
Surgical spirit	000	000	000
SOLVENTS			
Acetone	000		
Acrylonitrile	000		
Carbon tetrachloride	000	000	000
Chloroform	000	000	000







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Cyclohexanone	Diethylamine 000 000 0 Ether 000 000 0 Formaldehyde 000 000 0 Hexane 000 000 0 Methylene chloride 000 000 0 White spirit 000 000 0	300 300 300 300
Ether Formaldehyde	Ether DDD DDD DDD Formaldehyde DDD DDD DDD Hexane DDD DDD DDD Methylene chloride DDD DDD DDD White spirit DDD DDD DDD	100 100 100
Formaldehyde	Formaldehyde	100 100 100
Hexane	Hexane DDD DDD DDD DDDDDDDDDDDDDDDDDDDDDDDD	100 100
Methylene chloride DDD	Methylene chloride	100
White spirit 000 000 000 Toluene 000 000 000 FUELS 000 000 000 Fuel oil 000 000 000 Petrol 000 000 000 Jet Fuel 000 000 000 Kerosene 000 000 000 OILS 000 000 000 Electrical transformer oil 000 000 000 Mineral oil 000 000 000 Motor oil 000 000 000 Diesel oil 000 000 000 Heating oil 000 000 000 Liquid animal fat 000 000 000 Brake fluid 000 000 000 Wegetable oil 000 000 000 Brake fluid 000 000 000 Oil on water X 000 X Acetic acid (100%) 00	White spirit	
Toluene Trichloroethylene FUELS Fuel oil Jet Fuel OLS Crude oil Hydrochloric acid (35%) Acetic acid (100%) Fuels Fuel oil Crude oil Dian D		100
Trichloroethylene	Toluene DDD DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	IUU
FUELS Fuel oil		100
Fuel oil	Trichloroethylene	100
Petrol	FUELS	
Petrol 000 000 000 Jet Fuel 000 000 000 Kerosene 000 000 000 OILS Crude oil 000 000 000 Electrical transformer oil 000 000 000 Hydraulic oil 000 000 000 Mineral oil 000 000 000 Motor oil 000 000 000 Diesel oil 000 000 000 Heating oil 000 000 000 Liquid animal fat 000 000 000 Brake fluid 000 000 000 Brake fluid 000 000 X Oil on water X 000 X Acetic acid (100%) 000 X 000 Acetic acid (100%) 000 X 000 Acetic acid (35%) X X 000 Hydrochloric acid X X </th <th>Fuel oil DDD DDDDDDDDDDDDDDDDDDDDDDDDDDDDDD</th> <th></th>	Fuel oil DDD DDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	
Jet Fuel		
Kerosene DDD DDD OILS Crude oil DDD DDD DDD Electrical transformer oil DDD DDD DDD Hydraulic oil DDD DDD DDD Motor oil DDD DDD DDD Diesel oil DDD DDD DDD Heating oil DDD DDD DDD Liquid animal fat DDD DDD DDD Vegetable oil DDD DDD DDD Brake fluid DDD DDD X Oil on water X DDD X ACIDS (CONCENTRATED) X DDD X Carbonic acid DDD X DDD Formic acid X X DDD Hydrochloric acid (35%) X X DDD Hydrofluoric acid X X DDD		
Crude oil Crud		
Electrical transformer oil		
Hydraulic oil 000 000 000 Mineral oil 000 000 000 000 Diesel oil 000 000 000 000 Heating oil 000 000 000 000 Liquid animal fat 000 000 000 000 Vegetable oil 000 000 000 000 Brake fluid 000 000 000 000 Oil on water X 000 X ACIDS (CONCENTRATED) X 000 X Carbonic acid 000 X 000 Formic acid X X 000 Hydrochloric acid (35%) X X X Hydrofluoric acid X X X	Crude oil 🔠 🖂 🖂 🖂	100
Mineral oil DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	Electrical transformer oil	100
Motor oil DDD DDD DDD Diesel oil DDD DDD DDD Heating oil DDD DDD DDD Liquid animal fat DDD DDD DDD Vegetable oil DDD DDD DDD Brake fluid DDD DDD X Oil on water X DDD X ACIDS (CONCENTRATED) X DDD X DDD Carbonic acid DDD X DDD X DDD Formic acid X X DDD X DDD Hydrochloric acid (35%) X X X DDD Hydrofluoric acid X X DDD X DDD	Hydraulic oil DDD DDD DDDDDDDDDDDDDDDDDDDDDDDDDDD	100
Diesel oil DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	Mineral oil	
Heating oil DDD DDD DDD Liquid animal fat DDD DDD DDD Vegetable oil DDD DDD DDD Brake fluid DDD DDD X Oil on water X DDD X ACIDS (CONCENTRATED) X DDD X DDD Carbonic acid DDD X DDD X DDD Formic acid X X DDD X DDD DDD <td< th=""><th>Motor oil DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD</th><th>100</th></td<>	Motor oil DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	100
Liquid animal fat 000 000 000 Vegetable oil 000 000 000 Brake fluid 000 000 000 Oil on water X 000 X ACIDS (CONCENTRATED) X 000 Acetic acid (100%) 000 X 000 Carbonic acid 000 X 000 Formic acid X X 000 Hydrochloric acid (35%) X X 000 Hydrofluoric acid X X 000	Diesel oil	
Vegetable oil 000000000000000000000000000000000000	Heating oil	100
Brake fluid □□□ □□□ □□□ Oil on water X □□□ X ACIDS (CONCENTRATED) Acetic acid (100%) □□□ X □□□ Carbonic acid □□□ X □□□ Formic acid X X □□□ Hydrochloric acid (35%) X X □□□ Hydrofluoric acid X X □□□	Liquid animal fat	100
Oil on water X □□□ X ACIDS (CONCENTRATED) Acetic acid (100%) □□□ X □□□ Carbonic acid □□□ X □□□ Formic acid X X □□□ Hydrochloric acid (35%) X X □□□ Hydrofluoric acid X X □□□	Vegetable oil	100
ACIDS (CONCENTRATED) Acetic acid (100%) □□□ X □□□ Carbonic acid □□□ X □□□ Formic acid X X □□□ Hydrochloric acid (35%) X X □□□ Hydrofluoric acid X X □□□	Brake fluid	100
Acetic acid (100%) □□□ X □□□ Carbonic acid □□□ X □□□ Formic acid X X X □□□ Hydrochloric acid (35%) X X X □□□ Hydrofluoric acid X X □□□	Oil on water X	X
Carbonic acid Formic acid X X DDD X DD	ACIDS (CONCENTRATED)	
Formic acid X X X □□□ Hydrochloric acid (35%) X X X □□□ Hydrofluoric acid X X X □□□		
Hydrochloric acid (35%) X X DDD Hydrofluoric acid X X DDD	Acetic acid (100%)	ШШ
Hydrofluoric acid X X \ \text{\text{\$\sigma}}		
. ,	Carbonic acid DDD X D	100
Nitric acid (71%) X X 🔻 🗆 🗆	Carbonic acid DDD X DDD	100 100
	Carbonic acid	100 100
Sulphuric acid (98%) X X	Carbonic acid	100 100 100





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Trifluoroacetic acid	X	Χ	000
CAUSTICS (CONCENTRATED)			
Ammonia		Х	00
Aniline			
Potassium hydroxide	X	X	
Sodium carbonate		Χ	
Sodium hydroxide	X	X	
Trisodium phosphate	Х	X	
OVIDICING ACENTS			
OXIDISING AGENTS			
Sodium hypochlorite		X	000
	0	X X	000
Sodium hypochlorite			
Sodium hypochlorite Hydrogen peroxide (10%)	0	X	000
Sodium hypochlorite Hydrogen peroxide (10%) Fuming nitric acid	П XX	X XX	DDD XX
Sodium hypochlorite Hydrogen peroxide (10%) Fuming nitric acid Liquid chlorine	□ xx xx	X XX XX	XX XX

KEY

□□□ = EXCELLENT
□□ = GOOD
□ = MODERATE

X = NOT RECOMMENDED

XX = <u>STRONGLY RECOMMENDED THAT THIS ABSORBENT NOT BE USED WITH THIS CHEMICAL</u>

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25/01/2015

