

## List of chemicals that **CAN BE DECLASSIFIED** after complete neutralization by **Trivorex® neutralizing absorbent**

Neutralization is complete when the entire chemical treated with Trivorex® neutralizing absorbent has returned to a yellow colour indicating a neutral pH.

Products that can be declassified as Non-Hazardous Waste NHW after complete neutralization by Trivorex® neutralizing absorbent		
Product name	Formula	CAS number
<b>Acids</b>		
Acetic/ethanoic acid	CH <sub>3</sub> COOH	64-19-7
Hydrobromic acid	HBr	10035-10-6
Hydrochloric Acid	HCl	7647-01-0
Citric acid	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	77-92-9 5949-29-1
Methanolic formic acid	HCOOH	64-18-6
Phosphorous acid	H <sub>3</sub> PO <sub>3</sub>	3598-36-2
Phosphoric acid	H <sub>3</sub> PO <sub>4</sub>	7664-38-2
Sulphuric Acid	H <sub>2</sub> SO <sub>4</sub>	7664-93-9
Oleum (fuming sulfuric acid)	H <sub>2</sub> SO <sub>4</sub> ·(SO <sub>3</sub> ) <sub>x</sub>	8014-95-7
Phosphorus trichloride	PCl <sub>3</sub>	7719-12-2 10025-87-3
Phosphoryl trichloride	POCl <sub>3</sub>	10025-87-3
<b>Bases</b>		
Sodium aluminate	NaAlO <sub>2</sub>	11138-49-1 1302-42-7 12251-53-5
Slaked lime	Ca (OH) <sub>2</sub>	1305-62-0
CIP 100 (mixture of caustic potash and EDTA)	KOH + EDTA	-
Potassium Hydroxide	KOH	1310-58-3
Caustic soda	NaOH	1310-73-2

The product list presented above is based on the European Union regulations and cannot be extended to another region of the world without checking the regulations in force.

If one of your uniquely corrosive or irritant chemicals is not in this list, then you can request an assessment of the hazardousness of the waste by email via our website

<http://environnement.prevor.com/en/contact-us>

You can also treat the waste as hazardous industrial waste and dispose of it according to the hazardous character of the liquid product absorbed (see MSDS of the absorbed product).

Prevor has already assessed several chemical substances that cannot, for the moment, be declassified by Trivorex® neutralizing absorbent:

<b>Chemicals that cannot currently be declassified to NHW after neutralization by Trivorex® neutralizing absorbent</b>	
<b>Product name</b>	<b>CAS number</b>
<b>Acids</b>	
Chromic acid	7738-94-5
Hydrofluoric acid	7664-39-3
Hydroiodic acid	10034-85-2
Methanoic/formic acid	64-18-6
Nitric acid	7697-37-2
Oxalic acid	144-62-7 6153-56-6
Perchloric acid	7601-90-3
Picric acid	88-89-1
Trifluoroacetic acid	76-05-1
<b>Bases</b>	
Ammonia solution	1336-21-6
Lithium hydroxide	1310-65-2 1310-66-3
<b>Others</b>	
Hydrogen peroxide	7722-84-1
Hydrogen sulfide	7783-06-4

Studies are underway to improve our neutralizing absorbents and to provide you with even more effective neutralizing agents to convert these chemicals into NHW in the future.