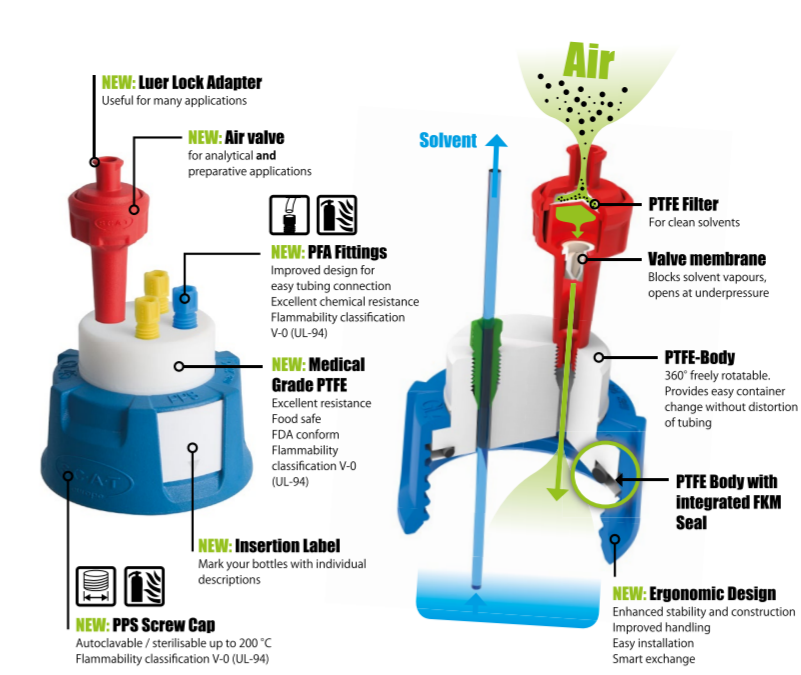













# Emission Madness? Not with S.C.A.T.!









## GHS - Globally Harmonized System of Classification

Solvent Name(s) Chemical Formula	Chapter	Hazard Class	Class Division	Hazard Code	Hazard Statement	Exposure Limit according to TRGS 900
<b>Acetonitrile (ACN)</b> <chem>C2H3N</chem> Cyanomethane Ethyl nitrile Methanecarbonitrile Methyl cyanide	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	10 ml/m <sup>3</sup> 17 mg/m <sup>3</sup>
	3.1	Acute toxicity (oral)	Acute Tox. 4	H302	<b>Harmful if swallowed</b>	
	3.1	Acute toxicity (dermal)	Acute Tox. 4	H312	<b>Harmful in contact with skin</b>	
	3.1	Acute toxicity (respiratory)	Acute Tox. 4	H332	<b>Harmful if inhaled</b>	
	3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319	<b>Causes serious eye irritation</b>	
		 				




<b>Methanol (MeOH)</b> <chem>CH4O</chem> Carbinol Hydroxymethane Methyl alcohol Methyl hydrate Methyl hydroxide Methylalcohol Methylol Wood spirit	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	200 ml/m <sup>3</sup> 270 mg/m <sup>3</sup>
	3.1	Acute toxicity (oral)	Acute Tox. 4	H301	<b>Toxic if swallowed</b>	
	3.1	Acute toxicity (dermal)	Acute Tox. 4	H311	<b>Toxic in contact with skin</b>	
	3.1	Acute toxicity (respiratory)	Acute Tox. 4	H331	<b>Toxic if inhaled</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 1	H370	<b>Causes damage to organs (if swallowed / inhaled / in contact with skin)</b>	
		  				



<b>n-Hexane</b> <chem>C6H14</chem> Hexane Sextane	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	50 ml/m <sup>3</sup> 180mg/m <sup>3</sup>
	3.2	Skin corrosion / irritation	Skin Irrit. 2	H315	<b>Causes skin irritation</b>	
	3.7	Reproduktionstoxizität	Repr. 2	H361f	<b>Suspected of damaging fertility</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H336	<b>May cause drowsiness or dizziness</b>	
	3.9	Specific target organ toxicity (repeated exposure)	STOT RE 2	H373	<b>May cause damage to organs through prolonged or repeated exposure (if swallowed / inhaled / in contact with skin long-term or repeatedly)</b>	
	3.10	Aspiration hazard	Asp. Tox. 1	H304	<b>May be fatal if swallowed and enters airways</b>	
4.1	Hazardous to the aquatic environment (chronic)	Aquatic Chronic 2	H411	<b>Toxic to aquatic life with long-lasting effects</b>		
		   				



<b>n-Heptane</b> <chem>C7H16</chem> Heptane Septane	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	500 ml/m <sup>3</sup> 2.100 mg/m <sup>3</sup>
	3.2	Skin corrosion / irritation	Skin Irrit. 2	H315	<b>Causes skin irritation</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H336	<b>May cause drowsiness or dizziness</b>	
	3.10	Aspiration hazard	Asp. Tox. 1	H304	<b>May be fatal if swallowed and enters airways</b>	
	4.1	Hazardous to the aquatic environment (acute)	Aquatic Acute 1	H400	<b>Very toxic to aquatic life</b>	
4.1	Hazardous to the aquatic environment (chronic)	Aquatic Chronic 2	H410	<b>Very toxic to aquatic life with long-lasting effects</b>		
		   				




<b>Acetone</b> <chem>C3H6O</chem> Dimethyl ketone Dimethyl carbonyl 2-Propanone Dimethyl formaldehyde Pyroacetic spirit (archaic) β-Ketopropane	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	500 ml/m <sup>3</sup> 1.200 mg/m <sup>3</sup>
	3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319	<b>Causes serious eye irritation</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H336	<b>May cause drowsiness or dizziness</b>	
		 				




## GHS - Globally Harmonized System of Classification

<b>Dimethylformamide (DMF)</b> <chem>C3H7NO</chem> N-Dimethylmethanamide	2.6	Flammable liquids	Flam. Liq. 2	H226	<b>Flammable liquid and vapour</b>	5 ml/m <sup>3</sup> 15 mg/m <sup>3</sup>
	3.1	Acute toxicity (dermal)	Acute Tox. 4	H312	<b>Harmful in contact with skin</b>	
	3.1	Acute toxicity (respiratory)	Acute Tox. 4	H332	<b>Harmful if inhaled</b>	
	3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319	<b>Causes serious eye irritation</b>	
	3.7	Reproductive toxicity	Repr. 1B	H360D	<b>May damage fertility or the unborn child</b>	
		  				

<b>Isopropanol</b> <chem>C3H8O</chem> Isopropyl alcohol 2-Propanol Dimethyl carbinol Rubbing alcohol iPrOH	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	200 ml/m <sup>3</sup> 500 mg/m <sup>3</sup>
	3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319	<b>Causes serious eye irritation</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H336	<b>May cause drowsiness or dizziness</b>	
		 				

<b>Methylethylketone (MEK)</b> <chem>C4H8O</chem> Butanone	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	200 ml/m <sup>3</sup> 600 mg/m <sup>3</sup>
	3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319	<b>Causes serious eye irritation</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H336	<b>May cause drowsiness or dizziness</b>	
		 				

<b>Toluene</b> <chem>C7H8</chem> Phenyl methane Toluol	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	50 ml/m <sup>3</sup> 190 mg/m <sup>3</sup>
	3.2	Skin corrosion / irritation	Skin Irrit. 2	H315	<b>Causes skin irritation</b>	
	3.7	Reproductive toxicity	Repr. 2	H361d	<b>Suspected of damaging the unborn child</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H336	<b>May cause drowsiness or dizziness</b>	
	3.9	Specific target organ toxicity (repeated exposure)	STOT RE 2	H373	<b>May cause damage to organs through prolonged or repeated exposure (if swallowed / inhaled / in contact with skin long-term or repeatedly)</b>	
	3.10	Aspiration hazard	Asp. Tox. 1	H304	<b>May be fatal if swallowed and enters airways</b>	
		  				

<b>Tetrahydrofuran (THF)</b> <chem>C4H8O</chem>	2.6	Flammable liquids	Flam. Liq. 2	H225	<b>Highly flammable liquid and vapour</b>	50 ml/m <sup>3</sup> 150 mg/m <sup>3</sup>
	3.3	Serious eye damage / eye irritation	Eye Irrit. 2	H319	<b>Causes serious eye irritation</b>	
	3.6	Carcinogenicity	Carc. 2	H351	<b>Suspected of causing cancer</b>	
	3.8	Specific target organ toxicity (single exposure)	STOT SE 3	H335	<b>May cause respiratory irritation</b>	
		  				

<b>Ethylacetate</b> <chem>C4H8O2</chem> Acetic ester Acetic ether Ethyl ester of acetic acid	2.6	Flammable liquids	(Flam. Liq. 2)	H225	<b>Highly flammable liquid and vapour</b>	200 ml/m <sup>3</sup> 730 mg/m <sup>3</sup>
	3.3	Serious eye damage / eye irritation	(Eye Irrit. 2)	H319	<b>Causes serious eye irritation</b>	
	3.8	Specific target organ toxicity (single exposure)	(STOT SE 3)	H336	<b>May cause drowsiness or dizziness</b>	
		