






**Table 2 Acute toxic characteristics (short time effect)**

Danger symbol	Danger identifier	Danger considerations (R-Sentences) Selection according to Appendix I GefStoffV	Identification letter
	Harmful to health (less poisonous)	<p><b>R 20</b> Harmful to health in case of inhalation.  <b>R 21</b> Harmful to health during contact with the skin  <b>R 22</b> Harmful to health when swallowing.  <b>R 40</b> Irreversible damage possible  <b>R 48</b> Danger of serious health damage at long exposures.</p> <p>Classification of the acute and/or chronic toxicity, lethal dose (rate):                      LD<sub>50</sub>oral: 200 – 2000 mg/kg weight                      LD<sub>50</sub>dermal: 400 – 2000 mg/kg weight                      LC<sub>50</sub>inhalativ: 2 - 20 mg/l Air (in 4 h)</p>	<b>Xn</b>
	Poisonous	<p><b>R 23</b> Poisonous in case of inhalation  <b>R 24</b> Poisonous during contact with the skin.  <b>R 25</b> Poisonous when swallowing.  <b>R 39</b> Serious danger of irreversible damage.  <b>R 48</b> Danger of serious health damage at long exposures.</p> <p>Classification of the acute and/or chronic toxicity, lethal dose (rate):                      LD<sub>50</sub>oral: 25 – 200 mg/kg weight                      LD<sub>50</sub>dermal: 50 – 400 mg/kg weight                      LC<sub>50</sub>inhalativ: 0,5 - 2 mg/l Air (in 4 h)</p>	<b>T</b>
	Very poisonous	<p><b>R 26</b> Very malicious in case of inhalation.  <b>R 27</b> Very malicious during contact with the skin.  <b>R 28</b> Very malicious when swallowing  <b>R 39</b> Serious danger of irreversible damage.</p> <p>Classification of the acute and/or chronic toxicity, lethal dose (rate):                      LD<sub>50</sub>oral: ≤ 25 mg/kg weight                      LD<sub>50</sub>dermal: ≤ 50 mg/kg weight                      LC<sub>50</sub>inhalativ: ≤ 0,5 mg/l Air (in 4 h)</p>	<b>T+</b>
	Corrosive	<p>Tissues and/or material are attacked</p> <p><b>R 34</b> Causes heavy burns.                      Destruction of the skin at impact times of 4 hours</p> <p><b>R 35</b> Causes heavy burns.                      Destruction of the skin at impact time of 3 minutes</p>	<b>C</b>
	Stimulant	<p>Inflammation of the skin, damage of the eyes, provoking the respiratory system</p> <p><b>R 36</b> Provokes the eyes.  <b>R 37</b> Provokes respiration organs.  <b>R 38</b> Provokes the skin.  <b>R 41</b> Danger for eyes damage.</p>	<b>Xi</b>

<p>Gesundheits-schädlich</p>	<p>Sensitizing</p>	<p><b>R 42</b></p>	<p>Sensitization by inhalation possible</p>	<p><b>Xn with R 42</b></p>
		<p><b>R 43</b></p>	<p>Sensitization by skin contact possible.</p>	<p><b>Xi with R 43</b></p>
<p>Reizend</p>				

Explanation of the effect: oral = swallow, dermal = over the skin, inhalativ = inhale;