

Tab.1a: List of hazardous substances present in the company

Hazardous substance	Classification of hazardous substance according to EP and EC directive (ES) 1272/2008	
	Hazard code and category	Kód výstražných upozornění
1. Hydrogen	Flammable Gases, Category #1 Gas under Pressure, Compressed Gases	H220 H280
2. Acetylene	Flammable Gases, Category #1 Gas under Pressure, Compressed Gases	H220 H280
3. Oxygen	Oxydating Gases, Category #1 Gas under Pressure, Compressed Gases	H270 H280
4. Blast Furnace Gas	Flammable Gases, Category #1 Acute Toxicity, Category #3, Inhalation Exposure Reproduction Toxicity, Category #1A STOT***, after repeated exposure, Category #1	H220 H331 H360 H372
5. Converter Gas	Flammable Gases, Category #1 Acute Toxicity, Category #3, Inhalation Exposure Reproduction Toxicity, Category #1A STOT***, after repeated exposure, Category #1	H220 H331 H360 H372
6. Coke Oven Gas	Flammable Gases, Category #1 Acute Toxicity, Category #4, Inhalation Exposure Mutagenic for fetal cells (genocytes), Category #1B Carcinogenic, Category #1A Reproduction Toxicity, Category #1A STOT***, after repeated exposure, Category #2	H220 H332 H340 H350 H360 H373
7. Natural Gas	Flammable Gases, Category #1	H220
8. Mix Gas	Flammable Gases, Category #1 Acute Toxicity, Category #3, Inhalation Exposure Reproduction Toxicity, Category #1A STOT***, after repeated exposure, Category #1	H220 H331 H360 H372
9. Propane	Flammable Gases, Category #1 Gas under Pressure, Liquid Gas	H220 H280
10. Propane-Butane, liquid	Flammable Gases, Category #1 Gas under Pressure, Liquid Gas	H220 H280
11. Motor gasoline	Flammable Liquids, Category #1 Toxic if inhaled, Category #1 Skin Irritation, Category #2 Drowsiness and dizziness Mutagenic for fetal cells (genocytes), Category #1B Carcinogenic, Category #1B Reproduction Toxicity, Category #2 Dangerous for aqueous environment - long term, Category #2	H224 H304 H315 H336 H340 H350 H361 H411
12. Technical gasoline	Flammable Liquids, Category #2 Toxic if inhaled, Category #1 Mutagenic for fetal cells (genocytes), Category #1A ,B	H225 H304 H340
13. Motor Diesel	Toxic if inhaled, Category #1 Carcinogenic, Category #2	H304 H351 EUH066
14. Petroleum	Toxic if inhaled, Category #1 Dangerous for aqueous environment - long term, Category #3	H304 H412 EUH066
15. Heavy heating oil	Carcinogenic, Category #1A	H350
16. Lubrication oils (motor, gear, compressor etc.)	Dangerous for aqueous environment - long term, Category #3	H412
17. Lubrication Greases	Dangerous for aqueous environment - long term, Category #3	H412
18. Other Crude Oil Derivatives	Dangerous for aqueous environment - long term, Category #3	H412

19. Ammonia	Flammable Gases, Category #2 Gas under Pressure, Compressed Gases Caustic to skin/ Skin irritation, Category #1B Acute Toxicity, Category #3, Inhalation Exposure Dangerous for aqueous environment, acute, Category #1	H221 H280 H314 H331 H400
20. Raw Bensol	Flammable Liquids, Category #2 Toxic if inhaled, Category #1 Skin Irritation, Category #2 Eye irritation, Category #2 Drowsiness and dizziness Mutagenic for fetal cells (genocytides), Category #1B Carcinogenic, Category #1A Reproduction toxicity, Category #2 STOT***, after repeated exposure, Category #1 Dangerous for aqueous environment - long term, Category #2	H225 H304 H315 H319 H336 H340 H350 H361 H372 H411
21. Black coal sludge	Skin stabilization, Category #1 Mutagenic for fetal cells (genocytes), Category #1B Carcinogenic, Category #1A Reproduction Toxicity, Category #1B Dangerous for aqueous environment - long term, Category #2	H317 H340 H350 H360 H411
22. Sodium Dichromate - solution (BONDERITE M-PT BCR known as Novaseal BCR).	Acute Toxicity, Category #3, Oral exposure Acute Toxicity, Category #4, Dermal/skin exposure Caustic to skin/ Skin irritation, Category #1B Skin stabilization, Category #1 Acute Toxicity, Category #2, Inhalation Exposure Air passages sensitizing, Category #1 STOT***, After single exposure, Category #3, Mutagenic for fetal cells (genocytes), Category #1B Carcinogenic, Category #1B Reproduction toxicity, Category #1B STOT***, after repeated exposure, Category #1 Dangerous for aqueous environment, acute, Category #1 Dangerous for aqueous environment - long term, Category #1	H301 H312 H314 H317 H330 H334 H335 H340 H350 H360 H372 H400 H410
23. Lime carbide	Substances/mixtures in contact with water release Flammable Gases, Category #1 Skin Irritation, Category #2 Serious Eye Damage, Category #1 STOT***, After single exposure, Category #3	H260 H315 H318 H335
24. Nord-Test Entwickler.	Flammable Aerosols, Category #1	H222
25. Nord-Test Reiniger	Flammable Aerosols, Category #1 Gas under Pressure, Compressed Gases Eye irritation, Category #2 Drowsiness and dizziness	H222 H280 H319 H336
26. Chromium oxide - solution (BONDERITE M-CR G-96 Y known as Progal G 96 Y).	Flammable Gases, Category #1 Acute Toxicity, Category #3, Inhalation Exposure Reproduction Toxicity, Category #1A STOT***, after repeated exposure, Category #1	H220 H331 H360 H372
27. Hydrogen Peroxide	Oxidation liquids, Category #1 Acute Toxicity, Category #4, Inhalation Exposure Acute Toxicity, Category #4, Oral exposure Caustic to skin/ Skin irritation, Category #1A Serious Eye Damage, Category #1 STOT***, After single exposure, Category #3, Drowsiness and dizziness	H271 H332 H302 H314 H318 H335

Tab. 1b. Hazardous substances which in case of serious industrial accident may impact territory outside of the plant

<i>Dangerous substance</i>	<i>Facility</i>	<i>Classification</i>
ammonia	<u>CRM</u> Annealing -- siphoning or pumping equipment	Flammable Gases, Category #2 H221
	<u>CRM</u> Annealing, store-rooms	Gas under Pressure, Compressed Gases H280
	<u>CRM</u> Annealing/ aux. pipeline DN 108	Caustic to skin/ Skin irritation, Category #1B H314 Acute Toxicity, Category #3, H331 Inhalation Exposure
	<u>Coated Prod / CGL #1 #2</u> Siphoning or pumping equipment	Dangerous for aqueous environment, acute, Category #1 H400
	<u>Coated prod, CGL #1 #2</u> Storage room	
BF Gas	<u>Power Engineering div.</u> Gas lines, BF gas holder	Flammable Gases, Category #1 H220 Acute Toxicity, Category #3, Inhalation Exposure 1 H331
	<u>Main pipeline A2+C2+C3</u>	Reproduction Toxicity, Category #1A H360 STOT***, after repeated exposure, Category #1, H372
Converter gas	<u>Steel shops div.</u> Gas cleaning, converter gas holder	Flammable Gases, Category #1 H220 Acute Toxicity, Category #3, Inhalation Exposure 1 H331 Reproduction Toxicity, Category #1A H360 STOT***, after repeated exposure, Category #1, H372
Natural gas	<u>Power Engineering div.</u> <u>Main pipeline F4</u>	Flammable Gases, Category #1 H220