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At request of the Minister of Social Affairs and Employment, the Health Council evaluates the effects on reproduction of substances. Since 1998, the council evaluates these properties in terms of the current level of scientific knowledge. For its judgement, the council uses a classification system, which is based on EU-Directive 1272/2008:

Category 1A The substance is known to produce an adverse effect on sexual function and fertility.

Category 1B The substance is presumed to produce an adverse effect on sexual function and fertility.

Category 2 The substance is suspected to produce an adverse effect on sexual function and fertility.

The categories indicate the strength of the evidence for effects on sexual function and fertility and, separately, for the development of the unborn child. In addition, the Health Council assigns the standard sentence 'may cause harm to breast-fed children' in cases of effects on or via lactation. A proposal for a classification forms the basis by the government in putting a substance in the 'Non-limitative list of substances having effects on the reproduction' (SZW-list).

Occasionally, substances are not listed by the government, although they have been judged by the Health Council. For a complete overview of substances evaluated by the council, the list below is drafted. The list is updated regularly.



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
A	•				
Acrylamide	79-06-1	1B	lack of appropriate data	lack of appropriate data	2002
All-trans retinoic acid	302-79-4	lack of appropriate data	1B	lack of appropriate data	2020
Aluminium:		lack of appropriate data	lack of appropriate data	lack of appropriate data	2009
- Al metallic	7429-90-5				
- Al oxide	1344-28-1				
- Al hydroxide	21645-51-2				
- Al phosphate	7784-30-7				
- Al borate	11121-17-7				
- Al hypophosphite	7784-22-7				
- Al magnesium silicate	12511-31-8				
- Al oxalate	814-87-9				
Aluminium:	7446-70-0 (anhydrous)	lack of appropriate data	1B	may cause harm to breast-fed children	2009
- Al chloride (anhydrous or hexahydrate form)	10124-27-3				
- Al nitrate	(hexahydrate)				
- Al lactate	13473-90-0				
- Al sulphate	18917-91-4				
	10043-01-3				
Ammonia	7664-41-7	lack of appropriate data	lack of appropriate data	lack of appropriate data	2009
Ascorbic acid	50-81-7	lack of appropriate data	lack of appropriate human data, and sufficient animal data	lack of appropriate data	2009

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^a Up to 2008 another system of classification was used. In this table, the recommended categories of substances, which were classified before that period, are translated to categories of the current system.



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
В					
Boric acid	10043-35-3	1B	insufficient data	not evaluated	1998
С					•
Cadmium and its compounds	-	2	2	may cause harm to breast-fed children	2000
Chloroform	67-66-3	lack of appropriate data	1B	lack of appropriate data	2000
Cadmium and selected cadmium compounds:		1B	1B	may cause harm to breast-fed children	2020
- Cadmium metalic	7440-43-9				
- Cadmium carbonate	513-78-0				
- Cadmium chloride	10108-64-2				
- Cadmium fluoride	7790-79-6	•			
- Cadmium hydroxide	21041-95-2				
- Cadmium nitrate	10022-68-1, 10325-94- 7				
- Cadmium oxide	1306-19-0				
- Cadmium sulphate	10124-36-4				
- Cadmium sulphide	1306-23-6				
Chloramphenicol	56-75-7	lack of appropriate data	1B	lack of appropriate data	2012
β-Chloroprene	126-99-8	lack of appropriate human data, and sufficient animal data	lack of appropriate human data, and sufficient animal data	lack of appropriate data	2003
Chlorpromazine	50-53-3	1B	1B	lack of appropriate data	2015
Copper sulphate	7758-98-7	lack of appropriate human data, and sufficient animal data	2	n ot evaluated	1999
Cortisone	53-06-5	lack of appropriate data	1B	lack of appropriate data	2013
Chromium VI and its compounds	-	2	1B	lack of appropriate data	2000
Chromium VI compounds:		1B	1B	May cause harm to breastfed babies	2016



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
- Chromium trioxide	1333-82-0				
- Sodium chromate	3-11-7775				
- Sodium dichromate	10588-01-9				
- Potassium dichromate	7778-50-9				
- Chromic acid	7738-94-5				
- Ammonium chromate	7788-98-9				
- Ammonium dichromate	5-9-7789				
- Calcium chromate	13765-19-0				
- Potassium chromate	7789-00-6				
- Dichromium tris(chromate)	24613-89-6				
Cyclohexanol	108-93-0	2	lack of appropriate data	lack of appropriate data	2004
Cytarabine	147-94-4	lack of appropriate data	1B	lack of appropriate data	2015
D					•
Dexamethasone	50-02-2	Lack of appropriate data	1B	Lack of appropriate data	2016
1,2-Dichloropropane	78-87-5	lack of appropriate data	sufficient data for no effect	not evaluated	1998
Diethyleneglycol (mono)alkylethers	111-77-3	lack of appropriate human data, and sufficient animal data	1B	lack of appropriate data	2003
Е					
Enflurane	13838-16-9	lack of appropriate data	lack of appropriate human data, and sufficient animal data	lack of appropriate data	2002
Ethanol	64-17-5	1A	1A	may cause harm to breast-fed children	2000
Ethylene oxide	75-21-8	1B	lack of appropriate data	lack of appropriate data	2001
Ethyl methanesulphonate	62-50-0	1B	2	lack of appropriate data	2004
F	•	•			•
N-Fluoren-2-ylacetamide	53-96-3	lack of appropriate data	lack of appropriate data	may cause harm to breast-fed children	2011



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
Formic acid	64-18-6	lack of appropriate data	lack of appropriate data	lack of appropriate data	2006
G	•				
-	-	-	-	-	-
Н		•			
Halothane	151-67-7	lack of appropriate data	2	lack of appropriate data	2000
Hexachlorophene	70-30-4	lack of appropriate human data, and sufficient animal data	2	lack of appropriate data	2011
Hydrogen fluoride	7664-39-3	lack of appropriate human data, and sufficient animal data	lack of appropriate human data, and sufficient animal data	sufficient human data for no effect	2009
Sodium fluoride	7681-49-4				
Hydroxyurea	127-07-1	1B	1B	lack of appropriate data	2014
I		•			
Ifosfamide	3778-73-2	1B	1B	lack of appropriate data	2014
Indium	7440-74-6	2	lack of appropriate data	lack of appropriate data	2012
Indiumphosphide	22398-80-7				
Indiumarsenide	1303-11-3				
Indiumoxide	1312-43-2				
Indiumtrichloride	10025-82-8	lack of appropriate data	1B	lack of appropriate data	2012
Indiumnitrate	13465-14-0				
Indium sulfate	13464-82-9				
Isoflurane	26675-46-7	lack of appropriate data	lack of appropriate human data, and sufficient animal data	lack of appropriate data	2002
Isopropyl methanesulphonate	926-06-7	2	2	lack of appropriate data	2004



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
J					
-	-	-	-	-	-
К	•			•	
-	-	-	-	-	-
L					
Lead, metallic	7439-92-1	2	1A	may cause harm to breast-fed children	2003
Lithium carbonate	554-13-2	2	1A	may cause harm to breast-fed children	2000
Lithium chloride	7447-41-8	2	1A	may cause harm to breast-fed children	2000
М				•	
Manganese and its compounds	-	2	2	sufficient data	2001
Mercury, metallic	7439-97-6	lack of appropriate data	1B	lack of appropriate data	2000
Mercury salts	7487-94-7	lack of appropriate data	lack of appropriate data	lack of appropriate data	2000
Methanol	67-56-1	lack of appropriate data	1B	lack of appropriate data	2006
Methotrexate	59-05-2	2	1A	lack of appropriate data	2011
Methylchloride	74-87-3	1B	lack of appropriate data	lack of appropriate data	2004
3-Methylcholan-threne	56-49-5	2	1B	may cause harm to breast-fed children	2014
Methyl mercury	22967-92-6	lack of appropriate data	1A	may cause harm to breast-fed children	2000
N					
Nickel carbonyl	13463-39-3	lack of appropriate data	2	lack of appropriate data	2003
Nickel, metallic	7440-02-0	lack of appropriate data	lack of appropriate data	lack of appropriate data	2003
Nickel nitrate	13138-45-9	2	1B		2003



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
Nickel sulphate	7786-81-4			may cause harm to breast-fed children	
Nickel chloride	7718-54-9				
Nickel oxide	1313-99-1 11099-02-08	lack of appropriate data	lack of appropriate data	lack of appropriate data	2003
	34492-97-2				
Nickel subsulfide	12035-72-2				
Nitrous oxide	10024-97-2	2	2	lack of appropriate data	2000
0					
-	-	-	-	-	-
Р					
Penicillamine	52-67-5	lack of appropriate data	1B	lack of appropriate data	2014
Phenyl mercury acetate	62-38-4	lack of appropriate data	lack of appropriate data	lack of appropriate data	2000
Phenytoin	57-41-0	lack of appropriate data	1B	lack of appropriate data	2018
Q				•	
-	-	-	-	-	-
R				•	
Ribavirin	36791-04-5	lack of appropriate data	2	lack of appropriate data	2010
S					
Selenium and its compounds	-	lack of appropriate data	sufficient data for no effect	may cause harm to breast-fed children	1999
Styrene	100-42-5	lack of appropriate data	lack of appropriate data	lack of appropriate data	2001
Т				•	
Tellurium	13494-80-9	lack of appropriate data	1B	lack of appropriate data	2014
Tetrachloroethylene	127-18-4	lack of appropriate human data, and sufficient animal data	2	lack of appropriate data	2003



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication
Theophylline	58-55-9	lack of appropriate data	1B	lack of appropriate data	2013
Tin and selected anorganic tin compounds:		lack of appropriate data	lack of appropriate data	Not classify	2022
- Tin metallic	7440-31-5				
- Tin sulphide	1314-95-0				
- Tin oxide	21651-19-4				
- Ditin pyrofosphate	15578-26-4				
- Tin dichloride	7772-99-8				
- Tin difluoride	7783-47-3				
- Tin sulphate	7488-55-3				
- Tin difluoroborate	13814-97-6				
- Tindi sulphide	1315-01-1, 12738-87-3				
- Tin dioxide	18282-10-5				
Toluene	108-88-3	lack of appropriate human data, and sufficient animal data	2	lack of appropriate data	2001
Triamcinolone	124-94-7	lack of appropriate data	1B	lack of appropriate data	2013
Triamcinolone acetonide	76-25-5	lack of appropriate data	1B	lack of appropriate data	2013
Trichloroaceticacid	76-03-9	lack of appropriate data	1B	lack of appropriate data	2006
Trichloroethylene	79-01-6	lack of appropriate human data, and sufficient animal data	1B	lack of appropriate data	2003
U					
Uranium	7440-61-1	Lack of appropriate data	Lack of appropriate data	Lack of appropriate data	2016
Uranyl acetate	541-09-3	Lack of appropriate data	2	Lack of appropriate data	2016
Uranyl nitrate	10102-06-4	Lack of appropriate data	2	Lack of appropriate data	2016
V	•	•	•		
-	-	-	-	-	-



Substance name	CAS number	Fertility	Development ^a	Lactation	Year of publication		
W							
-	-	-	-	-	-		
X	X						
Xylene	1330-20-7	lack of appropriate data	2	lack of appropriate data	2001		
Y							
-	-	-	-	-	-		
Z							
-	-	-	-	-	-		