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**COMMISSION DIRECTIVE 2000/39/EC**

**of 8 June 2000**

**establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

(Text with EEA relevance)

(OJ L 142, 16.6.2000, p. 47)

Amended by:

		Official Journal		
		No	page	date
► <b><u>M1</u></b>	Commission Directive 2006/15/EC of 7 February 2006	L 38	36	9.2.2006
► <b><u>M2</u></b>	Commission Directive 2009/161/EU of 17 December 2009	L 338	87	19.12.2009
► <b><u>M3</u></b>	Commission Directive (EU) 2017/164 of 31 January 2017	L 27	115	1.2.2017
► <b><u>M4</u></b>	Commission Directive (EU) 2019/1831 of 24 October 2019	L 279	31	31.10.2019

**COMMISSION DIRECTIVE 2000/39/EC****of 8 June 2000****establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work****(Text with EEA relevance)***Article 1*

Community indicative occupational exposure limit values are hereby established for the chemical agents set out in the Annex.

*Article 2*

Member States shall establish national occupational exposure limit values for the chemical agents listed in the Annex, taking into account the Community values.

*Article 3*

1. Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with this Directive by 31 December 2001 at the latest. They shall forthwith inform the Commission thereof.

When Member States adopt these provisions, they shall contain a reference to this Directive or be accompanied by such a reference at the time of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the provisions of national law which they adopt in the field covered by this Directive.

*Article 4*

Directive 96/94/EC is repealed with effect from the date referred to in Article 3(1).

*Article 5*

This Directive shall enter into force on the 20th day following its publication in the *Official Journal of the European Communities*.

*Article 6*

This Directive is addressed to the Member States.

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## ANNEX

## INDICATIVE OCCUPATIONAL EXPOSURE LIMIT VALUES

Einescs (1)	CAS (2)	Name of agent	Limit values				Notation (3)
			Eight hours (4)		Short-term (5)		
			mg/m <sup>3</sup> (6)	ppm (7)	mg/m <sup>3</sup> (6)	ppm (7)	
200-467-2	60-29-7	Diethylether	308	100	616	200	—
200-662-2	67-64-1	Acetone	1 210	500	—	—	—
200-663-8	67-66-3	Chloroform	10	2	—	—	Skin
200-756-3	71-55-6	1,1,1-Trichloroethane	555	100	1 110	200	—
200-834-7	75-04-7	Ethylamine	9,4	5	—	—	—
200-863-5	75-34-3	1,1-Dichloroethane	412	100	—	—	Skin
200-870-3	75-44-5	Phosgene	0,08	0,02	0,4	0,1	—
200-871-9	75-45-6	Chlorodifluoromethane	3 600	1 000	—	—	—
201-159-0	78-93-3	Butanone	600	200	900	300	—
201-176-3	79-09-4	Propionic acid	31	10	62	20	—
202-422-2	95-47-6	o-Xylene	221	50	442	100	Skin
202-425-9	95-50-1	1,2-Dichlorobenzene	122	20	306	50	Skin
202-436-9	95-63-6	1,2,4-Trimethylbenzene	100	20	—	—	—
<b>▼ M4</b>							
<b>▼ B</b>							
202-705-0	98-83-9	2-Phenylpropene	246	50	492	100	—
202-849-4	100-41-4	Ethylbenzene	442	100	884	200	Skin
203-313-2	105-60-2	e-Caprolactam, (dust and vapour)	10	—	40	—	—
203-388-1	106-35-4	Heptan-3-one	95	20	—	—	—
203-396-5	106-42-3	p-Xylene	221	50	442	100	Skin
<b>▼ M3</b>							
<b>▼ B</b>							
203-470-7	107-18-6	Allyl alcohol	4,8	2	12,1	5	Skin
203-473-3	107-21-1	Ethylene glycol	52	20	104	40	Skin
203-539-1	107-98-2	1-Methoxypropanol-2	375	100	568	150	Skin
203-550-1	108-10-1	4-Methylpentan-2-one	83	20	208	50	—
203-576-3	108-38-3	m-Xylene	221	50	442	100	Skin
203-603-9	108-65-6	2-Methoxy-1-methylethylacetate	275	50	550	100	Skin
203-604-4	108-67-8	Mesitylene (Trimethylbenzenes)	100	20	—	—	—
<b>▼ M1</b>							
<b>▼ B</b>							
203-631-1	108-94-1	Cyclohexanone	40,8	10	81,6	20	Skin
<b>▼ M2</b>							
<b>▼ B</b>							
203-726-8	109-99-9	Tetrahydrofuran	150	50	300	100	Skin
203-737-8	110-12-3	5-Methylhexan-2-one	95	20	—	—	—
203-767-1	110-43-0	Heptan-2-one	238	50	475	100	Skin

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Einecs <sup>(1)</sup>	CAS <sup>(2)</sup>	Name of agent	Limit values				Notation <sup>(3)</sup>
			Eight hours <sup>(4)</sup>		Short-term <sup>(5)</sup>		
			mg/m <sup>3</sup> <sup>(6)</sup>	ppm <sup>(7)</sup>	mg/m <sup>3</sup> <sup>(6)</sup>	ppm <sup>(7)</sup>	
203-808-3	110-85-0	Piperazine	0,1	—	0,3	—	—
203-905-0	111-76-2	2-Butoxyethanol	98	20	246	50	Skin
203-933-3	112-07-2	2-Butoxyethyl acetate	133	20	333	50	Skin
204-065-8	115-10-6	Dimethylether	1 920	1 000	—	—	—
204-428-0	120-82-1	1,2,4-Trichlorobenzene	15,1	2	37,8	5	Skin
204-469-4	121-44-8	Triethylamine	8,4	2	12,6	3	Skin
204-662-3	123-92-2	Isopentylacetate	270	50	540	100	—
204-697-4	124-40-3	Dimethylamine	3,8	2	9,4	5	—
204-826-4	127-19-5	N,N-Dimethylacetamide	36	10	72	20	Skin
205-480-7	141-32-2	n-Butylacrylate	11	2	53	10	—
205-563-8	142-82-5	n-Heptane	2 085	500	—	—	—
208-394-8	526-73-8	1,2,3-Trimethylbenzene	100	20	—	—	—
208-793-7	541-85-5	5-Methylheptan-3-one	53	10	107	20	—
210-946-8	626-38-0	1-Methylbutylacetate	270	50	540	100	—
211-047-3	628-63-7	Pentylacetate	270	50	540	100	—
	620-11-1	3-Pentylacetate	270	50	540	100	—
	625-16-1	Amylacetate, tert	270	50	540	100	—
215-535-7	1330-20-7	Xylene, mixed isomers, pure	221	50	442	100	Skin
222-995-2	3689-24-5	Sulphotep	0,1	—	—	—	Skin
231-634-8	7664-39-3	Hydrogen fluoride	1,5	1,8	2,5	3	—
231-131-3	7440-22-4	Silver, metallic	0,1	—	—	—	—
231-595-7	7647-01-0	Hydrogen chloride	8	5	15	10	—
231-633-2	7664-38-2	Orthophosphoric acid	1	—	2	—	—
231-635-3	7664-41-7	Ammonia, anhydrous	14	20	36	50	—
231-954-8	7782-41-4	Fluorine	1,58	1	3,16	2	—
231-978-9	7783-07-5	Dihydrogen selenide	0,07	0,02	0,17	0,05	—
233-113-0	10035-10-6	Hydrogen bromide	—	—	6,7	2	—
247-852-1	26628-22-8	Sodium azide	0,1	—	0,3	—	Skin
252-104-2	34590-94-8	(2-Methoxymethylethoxy)-propanol	308	50	—	—	Skin
		Fluorides, inorganic	2,5	—	—	—	—

(1) Einecs: European inventory of existing chemical substances.

(2) CAS: Chemical abstract service registry number.

(3) A skin notation assigned to the OEL identifies the possibility of significant uptake through the skin.

(4) Measured or calculated in relation to a reference period of eight-hours time-weighted average.

(5) A limit value above which exposure should not occur and is related to a 15-minute period, unless otherwise specified.

(6) mg/m<sup>3</sup>: milligrams per cubic metre of air at 20 °C and 101,3 KPa.

(7) ppm: parts per million by volume in air (ml/m<sup>3</sup>).