L.N. 120 of 2003

OCCUPATIONAL HEALTH AND SAFETY AUTHORITY ACT (CAP. 424)

Regulations establishing a first list of indicative occupational exposure limit values on the protection of the health and safety of workers from the risks related to chemical agents at work, 2003

IN EXERCISE of the powers conferred by article 12 of the Occupational Health and Safety Act, the Deputy Prime Minister and Minister for Social Policy, in consultation with the Occupational Health and Safety Authority, has made the following regulations:

Citation.

1. The title of these regulations is the Regulations establishing a first list of indicative occupational exposure limit values on the protection of the health and safety of workers from the risks related to chemical agents at work, 2003.

National occupational exposure limit values.

2. The national occupational exposure limit values for the chemical agents shall be those listed in the Schedule to these regulations.

SCHEDULE
INDICATIVE OCCUPATIONAL EXPOSURE LIMIT VALUES

Einecs (1)	CAS (2)	Name of agent	Limit values				Notation (3)
			Eight hours (4)		Short term (5)		
			mg/m³ (5)	ppm (5)	mg/m³ (5)	ppm (5)	
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	Chlorodifluoro-methane	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	-	-	-
202-704-5	98-82-8	Cumene	100	20	250	50	Skin
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
203-400-5	106-46-7	1,4-Dichlorobenzene	122	20	306	50	-
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 (Trimethylbenzes)	100	20	-	-	-
203-628-5	108-90-7	Chlorobenzene	47	10	94	20	-
203-631-1	108-94-1	Cyclohexanone	40.8	10	81.6	20	Skin
203-632-7	108-95-2	Phenol	7.8	2	-	-	Skin
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
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 umber.
(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^3 : milligrams per cubic metre of air at 20 °C and 101,3 KPa.
(7) ppm: parts per million by volume in air (ml/m^3).