

No.	Japanese substance name	English translation	CAS No.	八時間濃度基準値 8-hour Concentration Standard	短時間濃度基準値 Short-term Concentration Standard	Notes / verification
1	アジ化水素	Hydrogen azide	7782-79-8	-	0.1 ppm	-
2	アジ化ナトリウム	Sodium azide	26628-22-8	0.2 mg/m ³	-	-
3	アセトフェノン	Acetophenone	98-86-2	4 ppm	-	-
4	アゾジカルボンアミド	Azodicarbonamide	123-77-3	0.02 mg/m ³	-	-
5	4-アミノ-6-ターシャリーブチル-3-メチルチオ-1,2,4-メチルチオ-1,2,4-トリアジン-5(4H)-オン (別名メトリブジン)	4-Amino-6-tert-butyl-3-methylthio-1,2,4-triazin-5(4H)-one (Metribuzin)	21087-64-9	1 mg/m ³	-	-
6	アルファ-ピネン	α-Pinene	80-56-8	5 ppm	-	-
7	N-エチルモルホリン	N-Ethylmorpholine	100-74-3	3 ppm	-	-
8	塩化亜鉛	Zinc chloride	7646-85-7	-	4 mg/m ³ ※	Short-term value marked as upper limit threshold in note.
9	塩素化カンフェン (別名トキサフェン)	Chlorinated camphene (Toxaphene)	8001-35-2	0.5 mg/m ³	-	-
10	クロロアセトアルデヒド	Chloroacetaldehyde	107-20-0	0.3 ppm	1 ppm	-
11	1-クロロ-1,1-ジフルオロエタン (別名HCFC-142b)	1-Chloro-1,1-difluoroethane (HCFC-142b)	75-68-3	1,000 ppm	-	-
12	クロロメタン (別名塩化メチル)	Chloromethane (methyl chloride)	74-87-3	10 ppm	-	-
13	シアン化亜鉛 (II)	Zinc cyanide	557-21-1	1.5 mg/m ³ as cyanide	4.5 mg/m ³ as cyanide ※	Short-term value marked as upper limit threshold in note.
14	ジクロロ酢酸	Dichloroacetic acid	79-43-6	0.15 ppm	-	-
15	2-(ジ-ノルマル-ブチルアミノ)エタノール	2-(Di-n-butylamino)ethanol	102-81-8	15 mg/m ³	-	-
16	臭化エチル	Ethyl bromide (bromoethane)	74-96-4	5 ppm	-	-
17	硝酸亜鉛 (II) 及びその六水和物	Zinc nitrate and zinc nitrate hexahydrate	7779-88-6; 10196-18-6	2.5 mg/m ³ as Zn	-	CAS includes anhydrous and hexahydrate where identified.
18	シラン	Silane	7803-62-5	30 ppm	-	-
19	水酸化カリウム	Potassium hydroxide	1310-58-3	1 mg/m ³	2 mg/m ³ ※	Short-term value marked as upper limit threshold in note.
20	水酸化ナトリウム	Sodium hydroxide	1310-73-2	1 mg/m ³	2 mg/m ³ ※	Short-term value marked as upper limit threshold in note.
21	ストリキニーネ	Strychnine	57-24-9	0.15 mg/m ³	-	-
22	ターシャリーブチルアミン	tert-Butylamine	75-64-9	3 ppm	-	-
23	ターシャリーブチルヒドロペルオキシド	tert-Butyl hydroperoxide	75-91-2	0.5 ppm	-	-
24	炭化けい素 (炭化けい素ウィスカーに限る。)	Silicon carbide (limited to silicon carbide)	409-21-2	0.1 fiber/mL	-	-
25	タングステン	Tungsten	7440-33-7	3 mg/m ³	-	-
26	チオりん酸O,O-ジメチル-O-(3-メチル-4-メチルチオフェニル) (別名フェン)	O,O-Dimethyl O-(3-methyl-4-methylthiophenyl) phosphorothioate	55-38-9	0.05 mg/m ³	-	-
27	鉄水溶性塩 (硫酸鉄 (II) 七水和物に限る。)	Water-soluble iron salts (limited to iron(II) sulfate heptahydrate)	7782-63-0	1 mg/m ³ as Fe	-	-
28	1,1,2,2-テトラブロモエタン	1,1,2,2-Tetrabromoethane	79-27-6	0.1 ppm	-	-
29	テルル	Tellurium	13494-80-9	0.1 mg/m ³	-	-
30	銅及びその化合物 (塩化銅 (II)、塩化銅 (II) - 水酸化銅 (II) (1/3)、銅、四塩化銅 (II) 酸二アンモニウム二水和物、四塩化銅 (II) 酸ナトリウム二水和物、チオシア酸銅 (I) 及び弗化銅 (II) に限る。)	Copper and its compounds (limited to copper(II) chloride, copper(II) chloride-copper(II) hydroxide (1/3), copper, diammonium tetrachlorocuprate(II) dihydrate, diacetate, tetraacetate(II))	-	0.25 mg/m ³ as Cu	-	-
31	銅及びその化合物 (塩化銅 (I) に限る。)	Copper and its compounds (limited to copper(I) chloride)	7758-89-6	0.3 mg/m ³ as Cu	-	-
32	銅及びその化合物 (シアン化銅 (I) 及び炭酸銅 (II) - 水酸化銅 (II) (1/1) に限る。)	Copper and its compounds (limited to copper(I) cyanide and copper(II) carbonate)	544-92-3; 12069-69-1	1 mg/m ³ as Cu	-	-
33	銅及びその化合物並びに弗素及びその水溶性無機化合物 (六弗化けい酸銅 (II) に限る。)	Copper and its compounds; fluorine and its water-soluble inorganic compounds (limited to copper(II) hexafluorosilicate)	12062-24-7	0.25 mg/m ³ as Cu	-	CAS should be verified for hydrate/form.
34	銅及びその化合物並びに沃素及びその化合物 (沃化銅 (I) に限る。)	Copper and its compounds; iodine and its compounds (limited to copper(I) iodide)	7681-65-4	0.08 mg/m ³ as iodine	-	-
35	銅及びその化合物 (硫酸銅 (II) 及び硫酸銅 (II) 五水和物に限る。)	Copper and its compounds (limited to copper(II) sulfate and copper(II) sulfate pentahydrate)	7758-98-7; 7758-99-8	0.01 mg/m ³ as Cu	-	-
36	1,3,5-トリクロロベンゼン	1,3,5-Trichlorobenzene	108-70-3, 12002-48-1	0.5 ppm	-	-
37	1,3,5-トリス(2,3-エポキシプロピル)-1,3,5-トリアジン-2,4,6(1H,3H,5H)-トリアジン-2,4,6(1H,3H,5H)-トリアジン	1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	2451-62-9	0.05 mg/m ³	-	Also known as triglycidyl isocyanurate.
38	バリウム	Barium	7440-39-3	1 mg/m ³	-	-
39	1-(N-フェニルアミノ)ナフタレン	1-(N-Phenylamino)naphthalene	90-30-2	1 mg/m ³	-	-
40	2-フェニルフェノール	2-Phenylphenol	90-43-7	10 mg/m ³	-	-
41	ベンジルアルコール	Benzyl alcohol	100-51-6	2 ppm	-	-
42	メチルシクロヘキサタン	Methylcyclohexane	108-87-2	100 ppm	-	-
43	メチル-n-pentylケトン / 2-ヘプタノン	Methyl n-pentyl ketone / 2-Heptanone	110-43-0	100 ppm	-	-
44	メチルプロピルケトン	Methyl propyl ketone / 2-Pentanone	107-87-9	-	150 ppm	-
45	d-リモネン	d-Limonene	5989-27-5	3 ppm	-	-
46	硫化ジメチル	Dimethyl sulfide	75-18-3	10 ppm	-	-
47	硫酸亜鉛並びにその一水和物及び七水和物	Zinc sulfate, zinc sulfate monohydrate and zinc sulfate heptahydrate	7733-02-0; 7446-19-7; 7446-20-0	2.5 mg/m ³ as Zn	-	-
48	りん酸亜鉛	Zinc phosphate	7779-90-0	2.5 mg/m ³ as Zn	-	-

Notes

The values in the middle and right columns of this table indicate the concentration in air at a temperature of 25°C and 1 atmosphere.

※The short-term concentration standard values are subject to the provisions of Article 2(b) of the Standards for Substances and Concentrations Specified by the Minister of Health, Labour and Welfare pursuant to Article 577-2, Paragraph 2 of the Industrial Safety and Health Regulations (Ministry of Health, Labour and Welfare Notification No. 177 of 2023), and are also the upper limits subject to the provisions of Article 3(c) of the same notification.

English translations and CAS numbers are provided above for reference purposes only and should be independently verified prior to regulatory submissions or compliance decisions.

Copyright © 2026 Ng Sok-Han. All Rights Reserved. No images on this site may be reproduced, copied, or downloaded without prior written permission.