

The BG RCI is the legal successor of BG Chemie since 2010

# TOXICOLOGICAL EVALUATIONS

### Overview of the status of publications and studies (in order of CAS number)

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
51-75-2	N-Methyl-bis(2-chloroethyl)amine	22	MAK				
60-35-5	Acetamide	167	MAK				
62-56-6	Thiourea	251		5	06/95	12	PROJ-3
67-56-1	Methanol	277	MAK				
68-11-1	Thioglycolic acid	281 a	MAK				
74-31-7	N,N'-Diphenyl-p-phenylenediamine	214		3	10/92	7	
74-87-3	Chloromethane	129	BUA, MAK	1			
75-02-5	Vinyl fluoride	34		1	09/89	2	A-3 MNT-3
75-25-2	Bromoform	82		1	09/89	3	
75-38-7	Vinylidene fluoride	35		1			
75-54-7	Methyldichlorosilane	196		2			
75-77-4	Trimethylmonochlorosilane	171	MAK				
75-78-5	Dichlorodimethylsilane	269		4	10/94	9	
75-79-6	Trichloromethylsilane	270		4	10/94	9	
75-86-5	Acetone cyanohydrin	271	DECOS				
77-73-6	Dicyclopentadiene	84		4	10/94	10	
78-32-0	p-Tricresyl phosphate	184	IPCS				
78-79-5	Isoprene	105		06/00	06/00	2 (+)	
78-83-1	2-Methylpropanol-1	96		01/97 (+)	01/97 (+)	15 (+)	MNT-3 D14-wat-rat-3 D90-wat-rat-3 TERA-ihl-rat-3 TERA-ihl-rbt-3

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
78-85-3	Methacrolein	108		5	12/95	14	IRS-3 CTC-3 D14-ihl-rat-3 D90-ihl-rat-3 TERA-ihl-rat-3
78-94-4	Methylvinylketone	161	MAK				
79-01-6	Trichloroethene	133	BUA, MAK	3			
79-04-9	Chloroacetyl chloride	209		5	06/95	12	
79-07-2	Chloroacetamide	8		06/00	06/00	06/00	
79-10-7	Acrylic acid	157		1	05/90	2	
79-11-8	Chloroacetic acid	23		3	10/92	6	
79-20-9	Acetic acid methyl ester	278		5	02/95	10	
79-22-1	Chloroformic acid methyl ester	36		1 (+)	03/88 (+)	(+)	A-3 AP-3 CTC-3 D05-ihl-rat-3 D28-ihl-rat-3 D90-ihl-rat-3
79-36-7	Dichloroacetyl chloride	188 a		(+)	(+)	(+)	
79-39-0	Methacrylamide	238	ICCA				MNT-ip-mouse-3 D14NT-ihl-rat-3
79-41-4	Methacrylic acid	213	ECETOC, MAK				
79-43-6	Dichloroacetic acid	188 b		(+)	(+)	(+)	
80-10-4	Dichlorodiphenylsilane	199		2			
80-17-1	Benzenesulphonic acid hydrazide	220		2	02/92	6	

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
81-20-9	2-Nitro-1,3-dimethylbenzene	91		4	04/94	9	A-3 CTC-3 D28-diet-rat-3
81-84-5	1,8-Naphthalic anhydride	256		06/00	06/00	06/00	SENS-3
82-45-1	1-Aminoanthraquinone	257		(+)	(+)	(+)	
83-41-0	3-Nitro-1,2-dimethylbenzene	93		4	04/94	9	A-3 CTC-3 D28-diet-rat-3
84-65-1	Anthraquinone	101		4	10/94	11	
86-57-7	1-Nitronaphthalene	131	MAK				
87-02-5	7-Amino-4-hydroxy-2-naphthalenesulfonic acid	226		06/00	06/00	06/00	
87-56-9	Mucochloric acid	258		01/97	01/97	14	
88-10-8	Diethylcarbamyl chloride	67		1	09/89	3	
88-16-4	o-Chlorobenzotrifluoride	88		1	05/90	3	A-3 CTC-3
88-72-2	o-Nitrotoluene	153	BUA, MAK				
88-73-3	o-Chloronitrobenzene	73		11/00	11/00	11/00	CTC-3 HPRT-3 D05-diet-mouse-3 D28-diet-mouse-3
88-74-4	o-Nitroaniline	122	BUA	1			
88-85-7	2-(1-Methylpropyl)-4,6-dinitrophenol	239		01/97	01/97	(+)	
89-58-7	2-Nitro-1,4-dimethylbenzene	94		4	04/94	9	
89-62-3	2-Nitro-4-methylaniline	118		06/00	06/00	06/00	HPRT-3 D28-diet-rat-3*

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
89-63-4	4-Chloro-2-nitroaniline	85		1	02/89	1	
89-83-8	Thymol	259		06/00	06/00	(+)	MNT-orl-mouse-3
89-87-2	4-Nitro-1,3-dimethylbenzene	90		4	04/94	9	A-3 HPRT-3 CTC-3 CTV-3 D28-diet-rat-3
90-04-0	o-Anisidine	PAA					A-3 UDSC-3 MNT-3
90-30-2	N-Phenyl-1-naphthylamine	215	BUA	4			
90-51-7	6-Amino-4-hydroxy-2-naphthalenesulfonic acid	227		06/00	06/00	06/00	
91-15-6	o-Phthalodinitrile	28		5	06/95	11	HPRT-3 MNT-3 D14NT-diet-rat-3 D90NT-diet-rat-3
91-22-5	Quinoline	228	BUA				
91-29-2	4-Nitro-4'-aminodiphenylamine-2-sulfonic acid	120		06/00	06/00	06/00	SENS-3 CTC-3 D14-diet-rat-3 D28-diet-rat-3
92-52-4	Biphenyl	18		1			
95-49-8	o-Chlorotoluene	146	BUA, MAK				
95-51-2	o-Chloroaniline	144	BUA, MAK				

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
95-52-3	2-Fluorotoluene	127		3	08/93	8	IRS-3 IRE-3 A-3 MNT-3 D01-ihl-rat-3
95-53-4	o-Toluidine	PAA					A-3 UDSC-3 MNT-3
95-68-1	2,4-Xylidine	64		3	08/93	8	IRS-3 IRE-3 CTC-3 CTCF-3 D01-ihl-rat-3 D28-ihl-rat-3
95-69-2	5-Chloro-2-aminotoluene	10 PAA		1			A-3 UDSC-3 UDSC-3 MNT-3 MNT-3
95-72-7	Chloro-p-xylene	150		11/00	11/00	11/00	
95-73-8	2,4-Dichlorotoluene	149 a		5	02/95	12	
95-75-0	3,4-Dichlorotoluene	149 b		5	02/95	12	
95-76-1	3,4-Dichloroaniline	13		5			A-3 A-3 UDSC-3 MNT-3
95-79-4	4-Chloro-2-aminotoluene	130	BUA, MAK				

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
95-80-7	2,4-Toluylenediamine	31 PAA					A-3 UDSC-3 MNT-3
95-82-9	2,5-Dichloroaniline	243	BUA	5			
95-95-4	2,4,5-Trichlorphenol	52		1	11/86		
96-29-7	2-Butanone oxime	210	MAK				
96-34-4	Chloroacetic acid methyl ester	76		4	04/94	9	D01-ihl-rat-3 D28-ihl-rat-3
96-45-7	Ethylenethiourea	1		5	06/95	12	HPRT-3 UDSV-3 D28-ihl-rat-3
96-48-0	$\gamma$ -Butyrolactone	7		11/00	11/00	1 (+)	D01-ihl-rat-3 TERA-ihl-rbt-3
97-00-7	1-Chloro-2,4-dinitrobenzene	43		2	02/92	5	CTC-3 UDSC-3
97-36-9	N-(2,4-Dimethylphenyl)-3-oxobutanoic acid amide	244		3	08/93	8	HB-3*
97-39-2	1,3-Di-o-tolylguanidine	221		01/97	01/97	15	
97-52-9	2-Methoxy-4-nitroaniline	124		5	12/95	14	SENS-3 D01-der-rat-3
97-56-3	o-Aminoazotoluene	2		1			
97-74-5	Tetramethyl thiuram monosulfide	186		4	10/94	10	
98-07-7	Benzotrichloride	5		1	05/90	4	
98-08-8	Benzotrifluoride	75		3	10/92	7	A-3
98-13-5	Trichlorophenylsilane	267		4	10/94	9	

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				K	L	E	
98-15-7	m-Chlorobenzotrifluoride	89		01/97	01/97	15	A-3 CTC-3 SENS-3* D01NT-ihl-rat-3*
98-54-4	p-t-Butylphenol	6		1			
98-56-6	p-Chlorobenzotrifluoride	272		5	06/95	13	
98-73-7	p-t-Butylbenzoic acid	54		3 (+)	08/93 (+)	8 (+)	CTV-rat-3 D05-ihl-rat-3 D28NT-ihl-rat-3 FERT-diet-rat-3
98-87-3	Benzalchloride	58		1	05/90	4	D01-ihl-rat-3 D14-ihl-rat-3 D32-ihl-rat-3
98-88-4	Benzoylchloride	55		1	05/90	4	AP-3 MNT-3
98-95-3	Nitrobenzene	151	BUA, MAK				
99-08-1	m-Nitrotoluene	152	BUA, MAK				
99-09-2	m-Nitroaniline	123		1	05/90	2	
99-51-4	4-Nitro-1,2-dimethylbenzene	92		4	04/94	9	A-3 CTC-3 D28-diet-rat-3
99-52-5	5-Nitro-2-aminotoluene	26		1	05/90	2	A-3 UDSC-3 MNT-3
99-55-8	4-Nitro-2-aminotoluene	25	MAK				UDSC-3 MNT-3



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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
99-59-2	2-Methoxy-5-nitroaniline	80		5	12/95	14	CTC-3 UDSC-3
99-98-9	N,N-Dimethyl-p-phenylenediamine	187		5	12/95	14	
99-99-0	p-Nitrotoluene	154	BUA, MAK				
100-02-7	4-Nitrophenol	81		3	10/92	6	
100-21-0	Terephthalic acid	51		1	05/90	3	
100-41-4	Ethyl benzene	280	MAK				
100-44-7	Benzyl chloride	48		01/97	01/97	13	
100-47-0	Benzonitrile	260		06/00	06/00	(+)	
101-54-2	p-Aminodiphenylamine	197		2	05/91	5	
101-67-7	Diocylidiphenylamine	40		1	05/90	5	
101-83-7	Dicyclohexylamine	212		11/00	11/00	11/00	
101-96-2	N,N'-Di-sec-butyl-p-phenylenediamine	20		5	06/95	12	CTC-3 HPRT-3 D05-gav-rat-3 D28-gav-rat-3
102-01-2	N-Phenyl-3-oxobutanoic acid amide	245		5	02/95	12	HB-3*
102-06-7	1,3-Diphenylguanidine	216	BUA	4			
102-50-1	2-Amino-5-methoxytoluene	79		1	02/89	1	
102-71-6	Triethanolamine	57		1 (+)	05/90 (+)	4 (+)	SENS-3 D05NT-ihl-rat-3 D28NT-ihl-rat-3
103-11-7	2-Ethylhexyl acrylate	225	BUA	3			
103-71-9	Phenylisocyanate	198		01/97	01/97	15	

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
103-83-3	Dimethylbenzylamine	68		01/97	01/97	15	IRS-3 IRSF-3 AP-3 MNT-3 D28-gav-rat-3 D28F-gav-rat-3
104-12-1	4-Chlorophenyl isocyanate	78		01/97	01/97	15	
104-76-7	2-Ethylhexanol	114		5	12/95	14	D14-ihl-rat-3 D90-ihl-rat-3
104-91-6	p-Nitrosophenol	27 a		5	06/95	12	UDSC-3 CBD-3 MNT-3 D01MHB-gav-cat-3 D28-gav-rat-3 META-3
105-38-4	Vinyl propionate	261		11/00	11/00	11/00	SENS-3*
105-39-5	Chloroacetic acid ethyl ester	190		2	02/92	5	
105-58-8	Carbonic acid diethyl ester	183		3	10/92	7	
105-67-9	2,4-Xylenol	137		5 (+)	12/95 (+)	14 (+)	SENS-3 MNT-3 D05-gav-rat-3 D28-gav-rat-3
106-20-7	Di-2-ethylhexylamine	166		06/00	06/00	06/00	D01-ihl-rat-3 ALAR-ihl-mouse-3*
106-43-4	p-Chlorotoluene	147	BUA, MAK				
106-47-8	p-Chloroaniline	9		4	10/94	10	MNT-3
106-49-0	p-Toluidine	132	MAK				

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
106-58-1	1,4-Dimethylpiperazine	283	MAK				
106-75-2	Diethylene glycol bis-chloroformic acid ester	241		3	08/93	8	
106-88-7	1,2-Butylene oxide	49		1	11/86		
107-05-1	Allyl chloride	189	MAK				
107-19-7	Propargyl alcohol	116		06/00	06/00	06/00	MNT-3 D14-ihl-rat-3 D90-ihl-rat-3
107-21-1	Ethyleneglycol	173	BUA, MAK	3			
107-22-2	Glyoxal	177		01/97	01/97	12	UDSV-3
107-25-5	Vinylmethylether	63		2	02/92	5	MNT-3 D28-ihl-rat-3 D28F-ihl-rat-3
107-31-3	Formic acid methyl ester	279					
108-22-5	Isopropenyl acetate	262		(+)	(+)	(+)	MNT-orl-mouse-3 D01-ihl-rat-3* D05-ihl-rat-3 D28-ihl-rat-2
108-41-8	m-Chlorotoluene	145	BUA, MAK				
108-42-9	3-Chloroaniline	44		1	11/86		A-3 A-3 MNT-3
108-44-1	m-Toluidine	PAA					A-3 UDSC-3 MNT-3

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				K	L	E	
108-45-2	m-Phenylenediamine	PAA					A-3 UDSC-3 MNT-3
108-68-9	3,5-Xylenol	139		5 (+)	12/95 (+)	14 (+)	SENS-3 MNT-3 D05-gav-rat-3 D28-gav-rat-3
108-77-0	Cyanuric acid chloride	141	BUA	4			
108-80-5	Cyanuric acid	103		3	10/92	7	
108-88-3	Toluene	97					TERA-ihl-rbt-3 TERAF-ihl-rbt-3
109-02-4	N-Methylmorpholine	284	MAK				
109-59-1	Isopropyl ethylene glycoether	56		1	09/89	3	D28-ihl-rat-3 D28F-ihl-rat-3 TERA-ihl-rbt-3 TERA-ihl-rat-3
109-61-5	Chloroformic acid propyl ester	159		(+)	(+)	(+)	AP-3
109-92-2	Vinyl ethyl ether	263		11/00	11/00	11/00	
109-99-9	Tetrahydrofurane	109	MAK				
110-01-0	Tetrahydrothiophene	29		3	10/92	7	AP-3 CTC-3 D28-ihl-rat-3
110-57-6	1,4-Dichlorobutene-2 (trans-isomer)	14		1	11/86		
110-63-4	1,4-Butanediol	99		3	10/92	7	D01-ihl-rat-3

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				K	L	E	
110-65-6	2-Butyne-1,4-diol	117		5 (+)	02/95 (+)	10 (+)	CTC-3 SENS-3 D01-ihl-rat-3 D05-ihl-rat-3 D28NT-ihl-rat-3 D01-der-rat-3 D05NT-orl-rat-3 TERA-gav-rat-3
110-88-3	Trioxane	185		3 (+)	10/92 (+)	7 (+)	
110-89-4	Piperidine	72		11/00	11/00	(+)	MNT-3 D05NT-ihl-rat-3 D28NT-ihl-rat-3 TERA-ihl-rat-3
110-97-4	Diisopropanolamine	178		2	05/91	4	
111-40-0	Diethylenetriamine	182		3	10/92	7	
111-42-2	Diethanolamine	158		1 (+)	05/90 (+)	2 (+)	SENS-3 D14NT-ihl-rat-3 D90NT-ihl-rat-3 TERA-ihl-rat-3
111-46-6	Diethylene glycol	11		5	12/95	15	D28-diet-rat-3 TERA-gav-rbt-3
111-69-3	1,4-Dicyanobutane	100		1	02/89	1	
111-77-3	Diethylene glycol methylether	60		3	08/93	8	
111-90-0	Ethyl diglycol	61		5	12/95	15	D01-ihl-rat-3 D05-ihl-rat-3 D28-ihl-rat-3
112-24-3	Triethylenetetramine	181		2	05/91	4	

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				K	L	E	
115-11-7	2-Methylpropene	104		01/97	01/97	2 (+)	CBD-ihl-3 META-3
115-19-5	2-Methyl-3-butyn-2-ol	205		06/00	06/00	06/00	
115-96-8	Tris(2-chloroethyl) phosphate	33		5	12/95		A-3 MNT-3 MNT-ip-mouse-3
118-48-9	Isatoic acid anhydride	224		2	02/92	6	MNT-3
118-82-1	4,4'-Methylene-bis(2,6-di-tert-butylphenol)	39		1	05/90	5	
118-91-2	o-Chlorobenzoic acid	211	MAK				
118-92-3	2-Aminobenzoic acid	PAA					A-3 UDSC-3 MNT-3
120-35-4	3-Amino-4-methoxybenzanilide	119		(+)	(+)	(+)	MNT-orl-mouse-3*
120-61-6	Terephthalic acid dimethyl ester	50		1 (+)	02/89 (+)	1 (+)	CTV-3 TERA-gav-rat-3
120-83-2	2,4-Dichlorphenol	53		1	11/86		
121-45-9	Trimethyl phosphite	172	MAK				
121-57-3	4-Aminobenzenesulfonic acid	252		3	10/92	7	
121-73-3	m-Chloronitrobenzene	74		11/00	11/00	(+)	IRS-3 SENS-3 HPRT-3 CTC-3 CTV-3 D01-der-rat-3 D28-gav-rat-3

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				K	L	E	
122-52-1	Triethylphosphite	192		5	06/95	13	SENS-3* MNT-3* D28-gav-rat-3*
122-60-1	Phenylglycidylether	65		1	05/90	3	
122-66-7	Hydrazobenzene	19		4	10/94	10	
122-80-5	4-Aminoacetanilide	268		(+)	(+)	(+)	
123-05-7	2-Ethylhexanal	113		1 (+)	09/89 (+)	2 (+)	MNT-orl-mouse-3 ALAR-ihl-mouse-3 D01-ihl-rat-3 D28PP-ihl-rat-3 D28PPF-ihl-rat-3 TERA-orl-rat-3
123-30-8	p-Aminophenol	27 b		5	12/95	15	
123-38-6	Propionaldehyde	207		2	05/91	6	
123-51-3	3-Methylbutanol-1	95		01/97 (+)	01/97 (+)	15 (+)	MNT-3 D14-wat-rat-3 D90-wat-rat-3 TERA-ihl-rat-3 TERA-ihl-rbt-3
123-54-6	Acetylacetone	264	ICCA				
123-77-3	Diazene dicarboxamide	217		3	08/93	8	
123-91-1	Dioxane	111	BUA, MAK	3			
125-12-2	Isobornyl acetate	191		4	04/94	9	

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CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
126-71-6	Triisobutyl phosphate	112		11/00	11/00	11/00	A-3 IRS-rbt-3 SENS-3 SENS-3* D01-ihl-rat-3 TERA-gav-rat-3
126-73-8	Tributyl phosphate	170		11/00	11/00	8 (+)	
127-19-5	Dimethylacetamide	98					TERA-ihl-rbt-3
128-95-0	1,4-Diaminoanthraquinone	165		2	05/91	4	
130-15-4	1,4-Naphthoquinone	45		5	12/95	14	CTC-3 CTV-3 HPRT-3 D01-ihl-rat-3* ALAR-ihl-mouse-3*
134-32-7	$\alpha$ -Naphthylamine	180		5	06/95	13	
135-19-3	$\beta$ -Naphthol	135		5	12/95	14	SENS-3*
137-26-8	Thiram	59		1 (+)	05/90 (+)	3 (+)	
138-24-9	Trimethylphenylammoniumchloride	46		1	02/89	1	A-3 HPRT-3 MNT-3 D01-ihl-rat-3 D01CHE-caps-dog-3
141-97-9	Acetoacetic acid ethyl ester	246		06/00	06/00	06/00	
142-82-5	n-Heptane	134	MAK				PROJ-3
149-30-4	2-Mercaptobenzothiazole	70		11/00	11/00	4 (+)	
149-57-5	2-Ethylhexanoic acid	275		06/00	06/00	(+)	



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				K	L	E	
280-57-9	Triethylenediamine	69		5	06/95	13	AP-3 MNT-3 IRE-3 SENS-3 SENSF-3 D28-ihl-rat-3
288-32-4	Imidazole	203		(+)	(+)	(+)	A-3* MNT-3*
367-51-1	Sodium thioglycolate	281 c	MAK				
460-00-4	4-Bromofluorobenzene	128		3	08/93	8	A-3 CTC-3 IRS-3 IRE-3 SENS-3 D01-gav-rat-3
462-06-6	Fluorbenzol	126		5	06/95	13	IRS-3 MNT-3 D05-ihl-rat-3* D28-ihl-rat-3*
538-75-0	Dicyclohexylcarbodiimide	16		1	11/86		A-3 CTC-3
541-41-3	Chloroformic acid ethyl ester	77		1 (+)	02/89 (+)	1 (+)	AP-3
563-04-2	m-Tricresyl phosphate	184	IPCS				
563-47-3	$\beta$ -Methallyl chloride	176	MAK				
576-26-1	2,6-Xylenol	138		5 (+)	12/95 (+)	14 (+)	SENS-3 MNT-3 D05-gav-rat-3 D28-gav-rat-3

### Overview of the status of publications and studies (in order of CAS number)

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
583-39-1	2-Mercaptobenzimidazole	218		11/00	11/00	11/00	
592-34-7	Chloroformic acid butyl ester	160		(+)	(+)	(+)	AP-3 CTC-3 D05-ihl-rat-3 D28-ihl-rat-3
592-35-8	Carbamic acid butyl ester	273		11/00	11/00	(+)	
598-78-7	$\alpha$ -Chloropropionic acid	201		5	06/95	13	
616-21-7	1,2-Dichlorobutane	202					
624-48-6	Maleic acid dimethylester	21		1	09/89	2	A-3 MNT-3 IRS-3 SENS-3 D01-der-rat-3 D28-der-rat-3
624-65-7	Propargyl chloride	115		4	04/94	9	A-3 MNT-3* ALAR-ihl-mouse-3
625-36-5	3-Chloropropanoic acid chloride	162		06/00	06/00	06/00	A-3 CTC-3* ALAR-ihl-mouse-3
625-45-6	Methoxyacetic acid	110		1 (+)	09/89 (+)	3 (+)	D05-ihl-rat-3 D28-FERT-ihl-rat-3
638-38-0	Manganese (II) acetate	140 a	MAK				
700-13-0	2,3,5-Trimethylhydroquinone	240		2 (+)	02/92 (+)	5 (+)	D14-gav-rat-3 D28-gav-rat-3
760-23-6	3,4-Dichlorobutene-1	253		5	02/95	12	

**Overview of the status of publications and studies (in order of CAS number)**

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
762-04-9	Diethylphosphite	193		5	06/95	13	MNT-3* SENS-3* D28-gav-rat-3*
764-41-0	1,4-Dichlorobutene-2	14		1	11/86		
814-71-1	Calcium thioglycolate	281 e	MAK				
836-30-6	4-Nitrodiphenylamine	274		4	10/94	10	
838-88-0	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	30		1	11/86		
868-85-9	Dimethylhydrogen phosphite	168	MAK				
920-37-6	2-Chloroacrylonitrile	38		06/00	06/00	06/00	A-3
923-02-4	N-Methylolmethacrylamide	206		3	08/93	7	
935-92-2	Trimethylquinone	208		1 (+)	05/90 (+)	2 (+)	CTV-gav-3*
1241-94-7	Diphenyl-2-ethylhexyl phosphate	194		5	06/95	13	TERA-orl-rbt-3* D90-orl-rat-3*
1313-13-9	Manganese dioxide	102		1	02/89	1	
1313-82-2	Sodium sulfide (anhydrous)	106 a	MAK				
1314-60-9	Antimony (V) oxide	236 b		4	10/94	11	
1317-61-9	Iron oxide (Magnetite)	255	MAK				
1328-53-6	Copper phthalocyanine, chlorinated	229		5	06/95	12	
1330-78-5	Tricresyl phosphate (mixed isomers)	184	IPCS				
1476-11-5	1,4-Dichlorobutene-2 (cis-isomer)	14		1	11/86		
1663-39-4	tert-Butylacrylate	200	MAK				
1738-25-6	Dimethylaminopropionitrile	37		4	10/94	11	D14-ihl-rat-3
1747-60-0	2-Amino-6-methoxybenzothiazole	125		5	06/95	13	SENS-3 D01-der-rat-3

### Overview of the status of publications and studies (in order of CAS number)

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
1758-68-5	1,2-Diaminoanthraquinone	164		5	12/95	14	
1761-71-3	4,4'-Diaminodicyclohexylmethane	15		1	11/86		A-3 MNT-3
1817-47-6	p-Nitrocumene	156		5	12/95	14	HPRT-3* MNT-3* SENS-3* D28-diet-rat-3*
1854-26-8	Dimethyloldihydroxyethylene urea	230		5 (+)	06/95 (+)	12 (+)	A-3* MNT-orl-mouse-3 TERA-gav-rat-3 TERAF-gav-rat-3
2044-88-4	2,4-Dinitromethylaniline	47		5	12/95	14	A-3 CTC-3 IRS-3 IRE-3 D01MHB-cat-3 D01-gav-rat-3 D28-gav-rat-3*
2136-89-2	o-Chlorobenzotrichloride	86		4	04/94	9	HPRT-3 MNT-3 D01-der-rat-3 SENS-3
2156-56-1	Sodium dichloroacetate	188 b		(+)	(+)	(+)	
2238-07-5	Diglycidylether	66		1	09/89	3	
2243-62-1	1,5-Naphthalenediamine	24		1	05/90	2	CTC-3 HPRT-3 CBD-3
2431-50-7	2,3,4-Trichlorobutene-1	32		1	11/86		

**Overview of the status of publications and studies (in order of CAS number)**

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
2524-03-0	Dimethoxy thiophosphonyl chloride	265		5	06/95	13	
2582-30-1	Aminoguanidine bicarbonate	3		01/97	01/97	15	AP-3 MNT-3 UDSV-rat-3* D28-gav-rat-3
2624-17-1	Monosodium cyanurate	103		3	10/92	7	
2807-30-9	Ethylene glycol mono propyl ether	174	ECETOC, MAK				
3033-62-3	Bis(2-dimethylaminoethyl)ether	282	MAK				
3033-77-0	Glycidyl trimethyl ammonium chloride	231	MAK				
3039-83-6	Ethene sulfonic acid, sodium salt	247		4	10/94	11	
3302-10-1	3,5,5-Trimethylhexanoic acid	276		06/00 (+)	06/00 (+)	(+)	
3302-12-3	2,2,4,4-Tetramethylpentanoic acid	276		06/00 (+)	06/00 (+)	(+)	
3327-22-8	(3-Chloro-2-hydroxypropyl)trimethyl ammonium chloride	237		11/00	11/00	11/00	
3468-63-1	1-(2,4-Dinitrophenylazo)-2-naphthol	223		11/00	11/00	(+)	
3638-04-8	2,4-Dichloro-6-methoxy-1,3,5-triazine	169		1			
4454-05-1	2-Methoxy-2,3-dihydropyran	266		4	04/94	9	HPRT-3
4635-59-0	4-Chlorobutanoic acid chloride	163		06/00	06/00	06/00	CTC-3* ALAR-ihl-mouse-3 D01-ihl-rat-3 D05-ihl-rat-3 D28-ihl-rat-3
4979-32-2	N,N-Dicyclohexyl-2-benzothiazole sulfenamide	242		4	10/94	11	

### Overview of the status of publications and studies (in order of CAS number)

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
5216-25-1	p-Chlorobenzotrithloride	87		4	04/94	9	
5421-46-5	Ammonium thioglycolate	281 b	MAK				
5470-11-1	Hydroxylamine hydrochloride	62		11/00 (+)	11/00 (+)	6 (+)	
6104-30-9	Isobutylidenediurea	204		3	08/93	8	MNT-orl-mouse-3 TERA-gav-rbt-3
6358-64-1	2,5-Dimethoxy-4-chloroaniline	121		4 (+)	10/94 (+)	11 (+)	SENS-3* D14-diet-rat-3 D28-gav-rat-3
6369-59-1	2,5-Toluenediamine sulfat	PAA					A-3 UDSC-3 MNT-3
6526-72-3	o-Nitrocumene	155					
7440-55-3	Gallium	42					
7446-70-0	Aluminum chloride	234 d	MAK				
7647-18-9	Antimony (V) chloride	236 a		4	10/94	11	
7659-86-1	Thioglycolic acid 2-ethylhexyl ester	83		3	08/93	8	A-3 CTC-3 D07-diet-rat-3 D07F-gav-rat-3 D28PP-diet-rat-3
7681-52-9	Sodium hypochlorite	175		2	05/91	4	
7722-84-1	Hydrogen peroxide	254	ECETOC	4			
7727-54-0	Ammonium peroxydisulfate	4		4	10/94	10	
7758-19-2	Sodium chlorite	250		(+)	(+)	(+)	CTC-3
7773-01-5	Manganese (II) chloride	140 b	MAK				
7783-06-4	Hydrogen sulfide	106 c	MAK				

### Overview of the status of publications and studies (in order of CAS number)

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
7784-18-1	Aluminum fluoride	234 b	MAK				
7785-87-7	Manganese (II) sulfate	140 d	MAK				
7789-09-5	Ammoniumbichromate	143	MAK				
7790-94-5	Chlorosulfonic acid	248		5	12/95	14	
7791-25-5	Sulfuryl chloride	179		06/00	06/00	06/00	A-3*
7803-49-8	Hydroxylamine	62		11/00 (+)	11/00 (+)	6 (+)	
10025-91-9	Antimony (III) chloride	235		4	10/94	11	
10039-54-0	Hydroxylamine sulfate	62		11/00 (+)	11/00 (+)	6 (+)	MNT-3 TERA-gav-rat-3 CLT-wat-rat-2*
10043-01-3	Aluminum sulfate	234 a	MAK				
10377-66-9	Manganese (II) nitrate	140 c	MAK				
10588-01-9	Sodium bichromate	142	MAK				
12042-91-0	Dialuminum chloride pentahydroxide	234 d	MAK				
13360-57-1	Dimethylaminosulfochloride	17		1	11/86		
13465-08-2	Hydroxylamine nitrate	62		11/00 (+)	11/00 (+)	6 (+)	
13473-90-0	Aluminum nitrate	234 c	MAK				
13755-29-8	Sodium tetrafluoroborate	136		11/00	11/00	11/00	
13826-83-0	Ammonium tetrafluoroborate	136		11/00	11/00	11/00	
14075-53-7	Potassium tetrafluoroborate	136		11/00	11/00	11/00	IRE-3* D05-gav-rat-3 D28-gav-rat-3 D28F-orl-rat-3
14324-55-1	Zinc diethyl dithiocarbamate	233					
14634-93-6	Zinc ethylphenyl dithiocarbamate	219		5	06/95	13	MNT-3

### Overview of the status of publications and studies (in order of CAS number)

CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
14861-17-7	p-(2,4-Dichlorophenoxy)aniline	232		3	08/93	8	
15096-52-3	Cryolite	107		2 (+)	02/92 (+)	5 (+)	D01-ihl-rat-3 D14-ihl-rat-3 D14F-ihl-rat-3 D90-ihl-rat-3 CTV-ihl-rat-3 CTV-ihl-rat-3
15481-70-6	2,6-Toluenediamine dihydrochloride	PAA					A-3 UDSC-2 MNT-3
16721-80-5	Sodium bisulfide	106 b	MAK				CTC-3 CTCF-3
16872-11-0	Tetrafluoroboric acid	136		11/00	11/00	11/00	
16987-02-3	Sodium 2-chloropropionate	201		5	06/95	13	
19429-30-2	Di-t-butyl tin chloride	12		1	11/86		A-3 MNT-3
20941-65-5	Tellurium diethyldithiocarbamate	222		3	08/93	8	
21645-51-2	Aluminum hydroxide	234 e	MAK				
24925-59-5	Dinonyldiphenylamine	41					
26444-49-5	Diphenyl cresyl phosphate	195		06/00	06/00	5 (+)	MNT-3 D28-gav-rat-3 TERA-gav-rat-3
26896-18-4	Isononanoic acid	276		06/00 (+)	06/00 (+)	(+)	D05-ori-rat-3 D28-ori-rat-2
29797-40-8	Dichlorotoluene (mixed isomers)	148		5	02/95		
30618-84-9	Glyceryl thioglycolate	281 d	MAK				
31027-31-3	4-Isopropyl phenyl isocyanate	249		3	08/93	7	



Overview of the status of publications and studies (in order of CAS number)							
CAS No.	Name of substance	BG No.	Evaluation (if not by BG Chemie)	Publications			Studies
				K	L	E	
61702-44-1	2-Chloro-p-phenylenediamine sulfate	PAA					A-3 UDSC-3 MNT-3
68442-68-2	Styrenated diphenylamine	71		5	12/95	14	MNT-3 D28-gav-rat-3

Legend	
Legend to publication codes	
K	Short version ("Kurzfassung" in German) of TOXIKOLOGISCHE BEWERTUNGEN (booklet number or, in the case of publication on the Internet, original date of printed publication)
L	Long version ("Langfassung" in German) of TOXIKOLOGISCHE BEWERTUNGEN (date of publication)
E	TOXICOLOGICAL EVALUATIONS published in English (volume number or, in the case of publication on the Internet, date of original German publication)
(+)	Up-date or first-time publication soon to be made available on the Internet

Legend			
Legend to the studies			
Type of study		Species	
A	Ames test	cat	Cat
AP	Ames test with preincubation	dog	Dog
ALAR	Alarie test (sensory irritation)	gpig	Guinea pig
CBD	Covalent binding to DNA (adduct formation)	hams	Hamster
CLT	Combined long-term carcinogenicity study	mouse	Mouse
CTC	Cytogenetic test in vitro (cultures)	rat	Rat
CTV	Cytogenetic test in vivo	rbt	Rabbit
D01	Acute toxicity study (LD <sub>50</sub> , LC <sub>50</sub> )	sgh	Syrian gold hamster
Dnn	Toxicity study with repeated administration (nn = 05 to 90 days)	<b>Route of administration</b>	
DnnCHE	Cholinesterase inhibition	caps	Gelatine capsules
DnnMHB	Methaemoglobin formation	der	Dermal
DnnNT	Neurotoxicity study (+ Irwin screen)	diet	Diet
DnnPP	Peroxisome proliferation	gav	Gavage
F	Follow-up study	ihl	Inhalation
FERT	Fertility study	ip	Intraperitoneal
HB	Haemoglobin adduct formation	orl	Oral
HPRT	Hypoxanthine phosphoribosyl transferase test	wat	Drinking water
IRE	Eye irritation study	<b>Status</b>	
IRS	Skin irritation study	1	Planned
META	Metabolism/kinetic study	2	Contracted
MNT	Micronucleus test	3	Finalised
PROJ	Project	*	Sponsored by the chemical Industry
SENS	Sensitisation study	<b>Examples</b>	
TERA	Embryotoxicity/teratogenicity study	D90NT-orl-rat-2	90-day neurotoxicity study, oral, rat: Contracted
UDSC	Unscheduled DNA synthesis in vitro	TERAF-ihl-rbt-3	Teratogenicity study (follow-up study), inhalation, rabbit: Finalised
UDSV	Unscheduled DNA synthesis ex vivo in vitro	CTC-1*	Cytogenetic test in vitro (cultures): Planned, sponsored by the chemical Industry

Legend		
Substances in the project "Aromatic Amines" (PAA)		
BG No.	Name of substance	CAS No.
	o-Anisidine	90-04-0
	o-Toluidine	95-53-4
10	5-Chloro-2-aminotoluene	95-69-2
31	2,4-Toluediamine	95-80-7
	m-Toluidine	108-44-1
	m-Phenylenediamine	108-45-2
	2-Aminobenzoic acid	118-92-3
	2,5-Toluediamine sulfate	6369-59-1
	2,6-Toluediamine dihydrochloride	15481-70-6
	2-Chloro-p-phenylenediamine sulfate	61702-44-1
Legend to the abbreviations for the evaluating organisations		
In principle, the BG Chemie was the evaluating organisation. In special cases, there were agreements with other organisations in order to avoid duplication of work.		
BUA	No TOXIKOLOGISCHE BEWERTUNG / TOXICOLOGICAL EVALUATION was prepared by the BG Chemie. Evaluation was conducted by the <i>Beratergremium für Altstoffe</i> (German Advisory Committee on Existing Chemicals of Environmental Relevance).	
MAK	No TOXIKOLOGISCHE BEWERTUNG / TOXICOLOGICAL EVALUATION was prepared by the BG Chemie. Evaluation was conducted by the <i>Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der Deutschen Forschungsgemeinschaft</i> (German Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area).	
ECETOC	No TOXIKOLOGISCHE BEWERTUNG / TOXICOLOGICAL EVALUATION was prepared by the BG Chemie. Evaluation was conducted by the European Centre for Ecotoxicology and Toxicology of Chemicals, Brussels.	
DECOS	No TOXIKOLOGISCHE BEWERTUNG / TOXICOLOGICAL EVALUATION was prepared by the BG Chemie. Evaluation was conducted by the Dutch Expert Committee on Occupational Standards, Rijswijk.	
IPCS	No TOXIKOLOGISCHE BEWERTUNG / TOXICOLOGICAL EVALUATION was prepared by the BG Chemie. Evaluation was conducted by the International Programme on Chemical Safety.	
ICCA	No TOXIKOLOGISCHE BEWERTUNG / TOXICOLOGICAL EVALUATION was prepared by the BG Chemie. Evaluation was conducted by the International Council of Chemical Associations.	