

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Acetone	67-64-1		100%					15.32	Severe	Severe	Gilleron et al. (1997)
7-Acetoxyheptanal		MD	100%	Unknown		insoluble		4.9	Slight	Severe	Spielmann et al. (1996)
7-Acetoxyheptanal		WA	100%	Unknown		insoluble		17	Severe		Spielmann et al. (1996)
n-Acetyl-Methionine	1115-47-5	MD	100%	Solid		83	2.2	n.p.		Severe	Spielmann et al. (1996)
n-Acetyl-Methionine	1115-47-5	WA	100%	Solid		83	2.2	10.6	Severe		Spielmann et al. (1996)
Allyl alcohol	107-18-6		100%					12.4	Severe	Severe	Gilleron et al. (1996)
Ambuphylline	5634-34-4	BG	100%	Solid		600	9	12.8	Severe	Severe	Spielmann et al. (1996)
Ambuphylline	5634-34-4	MD	100%	Solid		600	9	16.9	Severe		Spielmann et al. (1996)
4-Amino-5-methoxy-2-methylbenzenesulfonic acid	6471-78-9	AP	100%	Unknown		3	1.5	14.4	Severe	Severe	Spielmann et al. (1996)
4-Amino-5-methoxy-2-methylbenzenesulfonic acid	6471-78-9	WA	100%	Unknown		3	1.5	13.6	Severe		Spielmann et al. (1996)
4-Amino-5-methoxy-2-methylbenzenesulfonic acid	6471-78-9	BG	100%	Unknown		3	1.5	8.5	Moderate		Spielmann et al. (1996)
2-Aminophemol	95-55-6		100%					0.8	Nonirritant	Nonirritant	Gilleron et al. (1996)
Ammonium nitrate	6484-52-2		100%					15.34	Severe	Severe	Gilleron et al. (1997)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Ammonium persulfate	7727-54-0	HO	100%	Solid		560	1.5	n.p.			Spielmann et al. (1996)
Ammonium persulfate	7727-54-0	WA	100%	Solid		560	1.5	n.p.			Spielmann et al. (1996)
Anisole	100-66-3	AP	100%	Liquid		insoluble		19.1	Severe	Severe	Spielmann et al. (1996)
Anisole	100-66-3	HK	100%	Liquid		insoluble		18.5	Severe		Spielmann et al. (1996)
Anthracene	120-12-7		100%					0	Nonirritant	Nonirritant	Gilleron et al. (1996)
L-Aspartic acid	70-47-3		100%					1.06	Slight	Slight	Gilleron et al. (1997)
B 25		BG	100%	Unknown		insoluble		0	Nonirritant	Nonirritant	Spielmann et al. (1996)
B 25		WA	100%	Unknown		insoluble		0	Nonirritant		Spielmann et al. (1996)
Benzethonium chloride	121-54-0		100%					15.4	Severe	Severe	Gilleron et al. (1996)
n-Butanal	123-72-8	HK	100%	Liquid		71	<7	20.3	Severe	Severe	Spielmann et al. (1996)
n-Butanal	123-72-8	HO	100%	Liquid		71	<7	18.1	Severe		Spielmann et al. (1996)
n-Butanol	71-36-3	BD	100%	Liquid		79	7	13	Severe	Severe	Spielmann et al. (1996)
n-Butanol	71-36-3	HK	100%	Liquid		79	7	20.2	Severe		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Butyl acetate	123-86-4		100%					17.21	Severe	Severe	Gilleron et al. (1997)
Butyl carbamate	592-35-8	BD	100%	Solid		1		11.5	Severe	Severe	Spielmann et al. (1996)
Butyl carbamate	592-35-8	MD	100%	Solid		1		11.6	Severe		Spielmann et al. (1996)
Butyl carbamate	592-35-8	BG	100%	Solid		1		14.9	Severe		Spielmann et al. (1996)
Caffeine sodium benzoate	8000-95-1	BD	100%	Solid		500	7	7.4	Moderate	Severe	Spielmann et al. (1996)
Caffeine sodium benzoate	8000-95-1	WA	100%	Solid		500	7	17.9	Severe		Spielmann et al. (1996)
Caffeine sodium benzoate	8000-95-1	BG	100%	Solid		500	7	14	Severe		Spielmann et al. (1996)
Caffeine sodium salicylate	8002-85-5	BG	100%	Solid		400	7	16	Severe	Severe	Spielmann et al. (1996)
Caffeine sodium salicylate	8002-85-5	WA	100%	Solid		400	7	18.8	Severe		Spielmann et al. (1996)
Camphen	79-92-5	BG	100%	Solid		insoluble	7	4	Slight	Slight	Spielmann et al. (1996)
Camphen	79-92-5	HK	100%	Solid		insoluble	7	n.p.			Spielmann et al. (1996)
Captan 90 concentrate	133-06-2		100%					15.07	Severe	Severe	Gilleron et al. (1997)
4-Carboxybenzaldehyde	619-66-9		100%					3.95	Slight	Slight	Gilleron et al. (1997)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Cerium-2-ethylhexanoate	24593-34-8	BG	100%	Unknown		n.s.	3	15.1	Severe	Severe	Spielmann et al. (1996)
Cerium-2-ethylhexanoate	24593-34-8	WA	100%	Unknown		n.s.	3	19.25	Severe		Spielmann et al. (1996)
Chlorhexidine	55-56-1		100%					14.87	Severe	Severe	Gilleron et al. (1997)
1-Chlorooctane-8-ol		AP	100%	Unknown		insoluble		18.7	Severe	Severe	Spielmann et al. (1996)
1-Chlorooctane-8-ol		MD	100%	Unknown		insoluble		14.3	Severe		Spielmann et al. (1996)
Cyclohexanol	108-93-0		100%					18.96	Severe	Severe	Gilleron et al. (1997)
Cyclohexanone	108-94-1		100%					14.5	Severe	Severe	Gilleron et al. (1996)
3-Cyclohexene-1-methanol	1679-51-2	BG	100%	Unknown		insoluble		18.9	Severe	Severe	Spielmann et al. (1996)
3-Cyclohexene-1-methanol	1679-51-2	HO	100%	Unknown		insoluble		19	Severe		Spielmann et al. (1996)
DC 8		BG	100%	Unknown		insoluble		0	Nonirritant	Moderate	Spielmann et al. (1996)
DC 8		WA	100%	Unknown		insoluble		5	Moderate		Spielmann et al. (1996)
Deoxycholic acid, sodium salt	302-95-4		100%					9.7	Severe	Severe	Gilleron et al. (1996)
Diacetone alcohol	123-42-2		100%					15.1	Severe	Severe	Gilleron et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Dibenzoyl-L-tartaric acid	2743-38-6		100%					13.34	Severe	Severe	Gilleron et al. (1997)
Dibenzoyl-L-tartaric acid	2743-38-6		100%					4.2	Slight		Gilleron et al. (1996)
Dibenzyl phosphate	1623-08-1		100%					15.16	Severe	Severe	Gilleron et al. (1997)
1,4-Dibutoxy-benzene	104-36-9	HO	100%	Unknown		0.2	7	0	Nonirritant	Nonirritant	Spielmann et al. (1996)
1,4-Dibutoxy-benzene	104-36-9	WA	100%	Unknown		0.2	7	n.p.			Spielmann et al. (1996)
2,6-Dichlorobenzoyl chloride	4659-45-4		100%					10.74	Severe	Severe	Gilleron et al. (1997)
2,4-Dicholor-5-sulfamoyl-benzoic acid	2736-23-4		100%					3.8	Slight	Slight	Gilleron et al. (1996)
Diepoxid 126	2386-87-0	AP	100%	Liquid		insoluble		10	Severe	Severe	Spielmann et al. (1996)
Diepoxid 126	2386-87-0	MD	100%	Liquid		insoluble		15.6	Severe		Spielmann et al. (1996)
Diepoxid 126	2386-87-0	BG	100%	Liquid		insoluble		6	Moderate		Spielmann et al. (1996)
Dimethyl biguanidine	657-24-9		100%					8.4	Moderate	Moderate	Gilleron et al. (1996)
2,2-Dimethylbutanoic acid	595-37-9		100%					15.31	Severe	Severe	Gilleron et al. (1997)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
2,5-Dimethylhexanediol	110-03-2		100%					15.33	Severe	Severe	Gilleron et al. (1997)
2,5-Dimethylhexanediol	110-03-2	HK	100%	Solid		n.s.		16.6	Severe		Spielmann et al. (1996)
2,5-Dimethylhexanediol	110-03-2	HO	100%	Solid		n.s.		11.1	Severe		Spielmann et al. (1996)
2,5-Dimethylhexanediol	110-03-2	BG	100%	Solid		n.s.					Spielmann et al. (1996)
3,6-Dimethyloctanol		BG	100%	Unknown		poorly soluble	7	4.3	Slight	Slight	Spielmann et al. (1996)
3,6-Dimethyloctanol		BD	100%	Unknown		poorly soluble	7	4.3	Slight		Spielmann et al. (1996)
4,4-Dimethyl-3-oxo-pentanenitrile	59997-51-2	AP	100%	Solid		0.6		6.7	Moderate	Moderate	Spielmann et al. (1996)
4,4-Dimethyl-3-oxo-pentanenitrile	59997-51-2	WA	100%	Solid		0.6		5.7	Moderate		Spielmann et al. (1996)
1-(2,6-dimethylphenoxy)-2-propanone	53012-41-2	HK	100%	Liquid		insoluble	5	19.3	Severe	Severe	Spielmann et al. (1996)
1-(2,6-dimethylphenoxy)-2-propanone	53012-41-2	WA	100%	Liquid		insoluble	5	12	Severe		Spielmann et al. (1996)
1-(2,6-dimethylphenoxy)-2-propanone	53012-41-2	BG	100%	Liquid		insoluble	5	4.1	Slight		Spielmann et al. (1996)
Dimethyl sulfoxide	67-68-5		100%					11.3	Severe	Severe	Gilleron et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Diphocars		HK	100%	Unknown		soluble		17.9	Severe	Severe	Spielmann et al. (1996)
Diphocars		HO	100%	Unknown		soluble		12.3	Severe		Spielmann et al. (1996)
1,2-Dodecanediol	1119-87-5	AP	100%	Solid		insoluble		2.3	Slight	Slight	Spielmann et al. (1996)
1,2-Dodecanediol	1119-87-5	BG	100%	Solid		insoluble		4.1	Slight		Spielmann et al. (1996)
1,2-Dodecanediol	1119-87-5	BG	100%	Solid		insoluble			Nonirritant		Spielmann et al. (1996)
DTPA Pentasodium salt	140-01-2	BG	100%	Unknown		readily soluble	11.5	19.4	Severe	Severe	Spielmann et al. (1996)
DTPA Pentasodium salt	140-01-2	WA	100%	Unknown		readily soluble	11.5	19.9	Severe		Spielmann et al. (1996)
Ede 140		WA	100%	Unknown		insoluble		0	Nonirritant	Slight	Spielmann et al. (1996)
Ede 140		BD	100%	Unknown		insoluble		4.6	Slight		Spielmann et al. (1996)
EDTA dipotassium	25105-12-9		100%					0	Nonirritant	Nonirritant	Gilleron et al. (1996)
1,2-Epoxyoctane	286-62-4	MD	100%	Solid		<2.5	4.5	n.p.		Moderate	Spielmann et al. (1996)
1,2-Epoxyoctane	286-62-4	AP	100%	Solid		<2.5	4.5	7	Moderate		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
1,2-Epoxydodecane	2855-19-8	MD	100%	Solid		insoluble		1.4	Slight	Moderate	Spielmann et al. (1996)
1,2-Epoxydodecane	2855-19-8	HO	100%	Solid		insoluble		8.5	Moderate		Spielmann et al. (1996)
Ethanol	64-17-5		100%					11.3	Severe	Severe	Gilleron et al. (1996)
Ethanol	64-17-5		100%					14.97	Severe		Gilleron et al. (1997)
Ethiosan		AP	100%	Unknown		5	8.5	n.p.			Spielmann et al. (1996)
Ethiosan		WA	100%	Unknown		5	8.5	n.p.			Spielmann et al. (1996)
2-Ethoxyethanol	110-80-5		100%					10.5	Severe	Severe	Gilleron et al. (1996)
Ethyl acetate	141-78-6		100%					19.32	Severe	Severe	Gilleron et al. (1997)
Ethylacetoacetate	141-97-9		100%					10	Severe	Severe	Gilleron et al. (1996)
Ethyl butanal	97-96-1	HO	100%	Liquid		10	<7	17.4	Severe	Severe	Spielmann et al. (1996)
Ethyl butanal	97-96-1	WA	100%	Liquid		10	<7	18.7	Severe		Spielmann et al. (1996)
2-Ethyl-1-hexanol	104-76-7		100%					12.71	Severe	Severe	Gilleron et al. (1997)
Ethyl-2-methylacetoacetate	609-14-3		100%					12.94	Severe	Severe	Gilleron et al. (1997)
Ethyl trimethyl acetate	3938-95-2		100%					13.82	Severe	Severe	Gilleron et al. (1997)



Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Fomesafen	72128-02-0		100%					1.21	Slight	Slight	Gilleron et al. (1997)
Furan	110-00-9		100%					5.5	Moderate	Moderate	Gilleron et al. (1996)
Gadopentetic acid dimeglumine salt	86050-77-3	WA	100%	Unknown		soluble		8.2	Moderate	Moderate	Spielmann et al. (1996)
Gadopentetic acid dimeglumine salt	86050-77-3	BG	100%	Unknown		soluble		3.2	Slight		Spielmann et al. (1996)
Gamma-butyrolactone	96-48-0		100%					13.9	Severe	Severe	Gilleron et al. (1996)
Gamma-butyrolactone	96-48-0		100%					19.39	Severe		Gilleron et al. (1997)
Genomoll	115-96-8	HO	100%	Solid		5	6	11.6	Severe	Severe	Spielmann et al. (1996)
Genomoll	115-96-8	WA	100%	Solid		5	6	9.9	Severe		Spielmann et al. (1996)
Gluconolactone	90-80-2		100%					4.6	Slight	Slight	Gilleron et al. (1996)
C12/C14-Glucoside		BD	100%	Unknown		readily soluble	9	16.7	Severe	Severe	Spielmann et al. (1996)
C12/C14-Glucoside		HK	100%	Unknown		readily soluble	9	16.3	Severe		Spielmann et al. (1996)
C12/C14-Glucoside		BG	100%	Unknown		readily soluble	9	16.5	Severe		Spielmann et al. (1996)
DL-Glutamic acid	19285-83-7		100%					0.7	Nonirritant	Nonirritant	Gilleron et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
L-Glutamic acid hydrochloride	138-15-8	HO	100%	Unknown		490	0.9	11.7	Severe	Severe	Spielmann et al. (1996)
L-Glutamic acid hydrochloride	138-15-8	MD	100%	Unknown		490	0.9	15.2	Severe		Spielmann et al. (1996)
Glycediol		MD	100%	Unknown		insoluble		0.58	Nonirritant	Slight	Spielmann et al. (1996)
Glycediol		HO	100%	Unknown		insoluble		3.5	Slight		Spielmann et al. (1996)
Glycerol	56-81-5		100%					14.78	Severe	Severe	Gilleron et al. (1997)
3-Glycidopropyltrimethoxysilane	2530-83-8		100%					4.3	Slight	Slight	Gilleron et al. (1996)
Granuform	30525-89-4	BD	100%	Solid		250	4	0	Nonirritant	Nonirritant	Spielmann et al. (1996)
Granuform	30525-89-4	HO	100%	Solid		250	4	0	Nonirritant		Spielmann et al. (1996)
Hexadecyltrimethylammonium bromide	57-09-0		100%					10.8	Severe	Severe	Gilleron et al. (1996)
Hexahydrofarnesylacetone	502-69-2	BG	100%	Unknown		poorly soluble		8	Moderate	Moderate	Spielmann et al. (1996)
Hexahydrofarnesylacetone	502-69-2	BD	100%	Unknown		poorly soluble		4.2	Slight		Spielmann et al. (1996)
Hexamethylenetetramine	100-97-0	WA	100%	Unknown		874	8.5	11.1	Severe	Severe	Spielmann et al. (1996)
Hexamethylenetetramine	100-97-0	MD	100%	Unknown		874	8.5	11.2	Severe		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Hexane	110-54-3		100%					3.1	Slight	Slight	Gilleron et al. (1996)
1,2,6-Hexanetriol	106-69-4	HK	100%	Solid		n.s.	4.5	18.8	Severe	Severe	Spielmann et al. (1996)
1,2,6-Hexanetriol	106-69-4	HO	100%	Solid		n.s.	4.5	15.3	Severe		Spielmann et al. (1996)
Hexanol	111-27-3		100%					17.56	Severe	Severe	Gilleron et al. (1997)
Hnol		AP	100%	Unknown		insoluble		2.1	Slight	Moderate	Spielmann et al. (1996)
Hnol		WA	100%	Unknown		insoluble		6	Moderate		Spielmann et al. (1996)
Hoe MBF		BD	100%	Unknown		100	4.3	0	Nonirritant	Nonirritant	Spielmann et al. (1996)
Hoe MBF		MD	100%	Unknown		100	4.3	0.35	Nonirritant		Spielmann et al. (1996)
Hydo 98		BD	100%	Unknown		soluble	6.5	11.2	Severe	Severe	Spielmann et al. (1996)
Hydo 98		MD	100%	Unknown		soluble	6.5	n.p.			Spielmann et al. (1996)
Hydroalcoholic Formulation 1-5% Alcohol Containing Formulation			100%	Solution				4.6	Slight	Slight	Gettings et al. (1991)
Hydroalcoholic Formulation 2-10% Alcohol Containing			100%	Solution				5	Moderate	Moderate	Gettings et al. (1991)
Hydroalcoholic Formulation 3-15% Alcohol Containing			100%	Solution				8.5	Moderate	Moderate	Gettings et al. (1991)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Hydroalcoholic Formulation 4-20% Alcohol Containing			100%	Solution				5.3	Moderate	Moderate	Gettings et al. (1991)
Hydroalcoholic Formulation 5-33% Alcohol Containing Formulation (PROD-00184)			100%	Solution				n.p.	No Data	No Data	Gettings et al. (1991)
Hydroalcoholic Formulation 6-40% Alcohol Containing			100%	Solution				11.9	Severe	Severe	Gettings et al. (1991)
Hydroalcoholic Formulation 7-55% Alcohol Containing			100%	Solution				12.8	Severe	Severe	Gettings et al. (1991)
Hydroalcoholic Formulation 8-65% Alcohol Containing			100%	Solution				12.7	Severe	Severe	Gettings et al. (1991)
Hydroalcoholic Formulation 9-83% Alcohol Containing			100%	Solution				13.8	Severe	Severe	Gettings et al. (1991)
Hydroalcoholic Formulation 10-90% Alcohol Containing			100%	Solution				13.6	Severe	Severe	Gettings et al. (1991)
2-Hydroxyethyl imino disodium acetate	135-37-5	AP	100%	Unknown		n.s.	10.6	15.5	Severe	Severe	Spielmann et al. (1996)
2-Hydroxyethyl imino disodium acetate	135-37-5	HO	100%	Unknown		n.s.	10.6	11	Severe		Spielmann et al. (1996)
2-Hydroxyisobutyric acid	594-61-6	BD	100%	Solid		1900	1	11.3	Severe	Severe	Spielmann et al. (1996)
2-Hydroxyisobutyric acid	594-61-6	WA	100%	Solid		1900	1	15.6	Severe		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Hypo 20		BG	100%	Unknown		readily soluble	6.5	8.9	Moderate	Moderate	Spielmann et al. (1996)
Hypo 20		HO	100%	Unknown		readily soluble	6.5	4.12	Slight		Spielmann et al. (1996)
Hypo 36		AP	100%	Unknown		readily soluble	7	15.9	Severe	Severe	Spielmann et al. (1996)
Hypo 36		WA	100%	Unknown		readily soluble	7	10	Severe		Spielmann et al. (1996)
Hypo 45		BD	100%	Unknown		readily soluble	7	4.4	Slight	Severe	Spielmann et al. (1996)
Hypo 45		WA	100%	Unknown		readily soluble	7	8.7	Moderate		Spielmann et al. (1996)
Hypo 45		BG	100%	Unknown		readily soluble	7	11.9	Severe		Spielmann et al. (1996)
Hypo 54		BG	100%	Unknown		soluble	6.5	4.1	Slight	Slight	Spielmann et al. (1996)
Hypo 54		HO	100%	Unknown		soluble	6.5	4.2	Slight		Spielmann et al. (1996)
Hyton		AP	100%	Unknown		soluble	8.5	18.6	Severe	Severe	Spielmann et al. (1996)
Hyton		BG	100%	Unknown		soluble	8.5	18.2	Severe		Spielmann et al. (1996)
Imidazole	288-32-4		100%					18.7	Severe	Severe	Gilleron et al. (1996)
Imidazole	288-32-4		100%					19.43	Severe		Gilleron et al. (1997)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Iminodiacetic acid	142-73-4	AP	100%	Solid		42	2.3	12.8	Severe	Severe	Spielmann et al. (1996)
Iminodiacetic acid	142-73-4	BD	100%	Solid		42	2.3	0.85	Nonirritant		Spielmann et al. (1996)
Iminodiacetic acid	142-73-4	BG	100%	Solid		42	2.3	6.9	Moderate		Spielmann et al. (1996)
Iminodibenzyl	494-19-9		100%					0	Nonirritant	Nonirritant	Gilleron et al. (1996)
Isobornyl acetate	125-12-2	HO	100%	Solid		< 1		4.6	Slight	Moderate	Spielmann et al. (1996)
Isobornyl acetate	125-12-2	BD	100%	Solid		< 1		8.1	Moderate		Spielmann et al. (1996)
Isobutanal	78-84-2	WA	100%	Liquid		67	<7	19.4	Severe	Severe	Spielmann et al. (1996)
Isobutanal	78-84-2	HK	100%	Liquid		67	<7	20	Severe		Spielmann et al. (1996)
Isobutanol	78-83-1		100%					19.41	Severe	Severe	Gilleron et al. (1997)
Isodecylglucoside		AP	100%	Unknown		readily soluble	9	18	Severe	Severe	Spielmann et al. (1996)
Isodecylglucoside		HO	100%	Unknown		readily soluble	9	10.7	Severe		Spielmann et al. (1996)
Isononylaldehyde	35127-50-5	BG	100%	Liquid		0.1	<7	4.5	Slight	Severe	Spielmann et al. (1996)
Isononylaldehyde	35127-50-5	WA	100%	Liquid		0.1	<7	10	Severe		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Isopropanol	67-63-0		100%					14.8	Severe	Severe	Gilleron et al. (1997)
alpha-Ketoglutaric acid	328-50-7	AP	100%	Solid		1000	1.75	19.8	Severe	Severe	Spielmann et al. (1996)
alpha-Ketoglutaric acid	328-50-7	BG	100%	Solid		1000	1.75	19.7	Severe		Spielmann et al. (1996)
Lactic acid	79-33-4	PhI	100%	Unknown		readily soluble	2	19.6	Severe	Severe	Spielmann et al. (1996)
alpha-Lactid	4511-42-6	AP	100%	Solid		soluble	3	4	Slight	Slight	Spielmann et al. (1996)
alpha-Lactid	4511-42-6	BG	100%	Solid		soluble	3	1.1	Slight		Spielmann et al. (1996)
alpha-Lactid	4511-42-6	BG	100%	Solid		soluble	3	6.6	Moderate		Spielmann et al. (1996)
N-Lauroylsarcosine, sodium salt	7631-98-3		100%					12.7	Severe	Severe	Gilleron et al. (1996)
Laurylsulfobetaine	14933-08-5		100%					8.3	Moderate	Moderate	Gilleron et al. (1996)
L-Lysine Monohydrate	39665-12-8	BD	100%	Solid		1500	10	10.4	Severe	Severe	Spielmann et al. (1996)
L-Lysine Monohydrate	39665-12-8	HO	100%	Solid		1500	10	16.9	Severe		Spielmann et al. (1996)
Magnesium carbonate	56378-72-4		100%					1.4	Slight	Slight	Gilleron et al. (1996)
Maneb	12427-38-2		100%					0.16	Nonirritant	Nonirritant	Gilleron et al. (1997)
Mecre		HK	100%	Unknown		mixable	7	n.p.			Spielmann et al. (1996)
Mecre		MD	100%	Unknown		mixable	7	n.p.			Spielmann et al. (1996)
3-Mercapto-1,2,4-triazole	3179-31-5	HK	100%	Solid		85	4	n.p.			Spielmann et al. (1996)
3-Mercapto-1,2,4-triazole	3179-31-5	MD	100%	Solid		85	4	n.p.			Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Methanol	67-56-1		100%					12.2	Severe	Severe	Gilleron et al. (1996)
m-Methoxybenzaldehyde	591-31-1	MD	100%	Solid		poorly soluble		13.7	Severe	Severe	Spielmann et al. (1996)
m-Methoxybenzaldehyde	591-31-1	BD	100%	Solid		poorly soluble		11.6	Severe		Spielmann et al. (1996)
2-Methoxyethanol	109-86-4		100%					14.5	Severe	Severe	Gilleron et al. (1996)
Methyl acetate	79-20-9	BD	100%	Liquid		250	7	19.8	Severe	Severe	Spielmann et al. (1996)
Methyl acetate	79-20-9	HO	100%	Liquid		250	7	16.1	Severe		Spielmann et al. (1996)
Methyl acetate	79-20-9		100%					18.98	Severe		Gilleron et al. (1997)
Methyl cyanoacetate	105-34-0		100%					16.31	Severe	Severe	Gilleron et al. (1997)
Methylecyclopentane	96-37-7		100%					17.17	Severe	Severe	Gilleron et al. (1997)
Methyl ethyl ketone	78-93-3		100%					18.35	Severe	Severe	Gilleron et al. (1997)
Methyl isobutyl ketone	108-10-1		100%					10.5	Severe	Severe	Gilleron et al. (1996)
Methyl isobutyl ketone	108-10-1		100%					17.75	Severe		Gilleron et al. (1997)
Methylpentynol	77-75-8	AP	100%	Liquid		soluble		20.1	Severe	Severe	Spielmann et al. (1996)
Methylpentynol	77-75-8	BD	100%	Liquid		soluble		12.9	Severe		Spielmann et al. (1996)



Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
N-(2-methylphenyl)-Imidodi-carbonimidic diamide	93-69-6	AP	100%	Solid		40	11.5	4.7	Slight	Slight	Spielmann et al. (1996)
N-(2-methylphenyl)-Imidodi-carbonimidic diamide	93-69-6	MD	100%	Solid		40	11.5	n.p.			Spielmann et al. (1996)
2-Methyl-1-propanol	78-83-1	HK	100%	Liquid		15	3	20.4	Severe	Severe	Spielmann et al. (1996)
2-Methyl-1-propanol	78-83-1	MD	100%	Liquid		15	3	19.2	Severe		Spielmann et al. (1996)
Methyltriglycol	112-35-6	BD	100%	Liquid		readily soluble	7	12.5	Severe	Severe	Spielmann et al. (1996)
Methyltriglycol	112-35-6	HO	100%	Liquid		readily soluble	7	17	Severe		Spielmann et al. (1996)
Methyltriglycol	112-35-6	AP	100%	Liquid		readily soluble	7	20.4	Severe	Severe	Spielmann et al. (1996)
Methyltriglycol	112-35-6	HO	100%	Liquid		readily soluble	7	12.8	Severe		Spielmann et al. (1996)
MYRJ 45			100%					0	Nonirritant	Nonirritant	Gilleron et al. (1996)
Napt		HO	100%	Unknown		1000		10.3	Severe	Severe	Spielmann et al. (1996)
Napt		WA	100%	Unknown		1000		5.7	Moderate		Spielmann et al. (1996)
1-Naphthalene acetic acid	86-87-3		100%					7.46	Moderate	Moderate	Gilleron et al. (1997)
1-Naphthalene acetic acid, Na salt	61-31-4		100%					15.16	Severe	Severe	Gilleron et al. (1997)
Nitro-bis-octylamide		BG	100%	Unknown		insoluble		6.5	Moderate	Moderate	Spielmann et al. (1996)
Nitro-bis-octylamide		HK	100%	Unknown		insoluble		1.6	Slight		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
1-Nitropropane	108-03-2		100%					2.8	Slight	Slight	Gilleron et al. (1996)
Octanol	111-87-5		100%					9.8	Severe	Severe	Gilleron et al. (1996)
Octanol	111-87-5		100%					16.7	Severe		Gilleron et al. (1997)
Oil/Water Emulsion-HZA			100%	Solution				1	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZC			100%	Solution				3	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZE			100%	Solution				3.67	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZF			100%	Solution				3.67	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZH			100%	Solution				23	Nonirritant	Severe	Gettings et al. (1994)
Oil/Water Emulsion-HZI			100%	Solution				0.333	Nonirritant	Nonirritant	Gettings et al. (1994)
Oil/Water Emulsion-HZJ			100%	Solution				3	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZL			100%	Solution				10.3	Nonirritant	Severe	Gettings et al. (1994)
Oil/Water Emulsion-HZM			100%	Solution				14.3	Nonirritant	Severe	Gettings et al. (1994)
Oil/Water Emulsion-HZN			100%	Solution				3.67	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZO			100%	Solution				0	Nonirritant	Nonirritant	Gettings et al. (1994)
Oil/Water Emulsion-HZR			100%	Solution				16.3	Category 1	Severe	Gettings et al. (1994)
Oil/Water Emulsion-HZS			100%	Solution				8.33	Nonirritant	Moderate	Gettings et al. (1994)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Oil/Water Emulsion-HZT			100%	Solution				1	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZU			100%	Solution				1	Nonirritant	Slight	Gettings et al. (1994)
Oil/Water Emulsion-HZV			100%	Solution				0	Nonirritant	Nonirritant	Gettings et al. (1994)
Oil/Water Emulsion-HZW			100%	Solution				5	Nonirritant	Moderate	Gettings et al. (1994)
Oil/Water Emulsion-HZY			100%	Solution				9.67	Nonirritant	Severe	Gettings et al. (1994)
Olak		HK	100%	Unknown		soluble	8.3	19.5	Severe	Severe	Spielmann et al. (1996)
Olak		MD	100%	Unknown		soluble	8.3	17	Severe		Spielmann et al. (1996)
Ölesulf		BD	100%	Unknown		soluble	8	18.9	Severe	Severe	Spielmann et al. (1996)
Ölesulf		HK	100%	Unknown		soluble	8	19.6	Severe		Spielmann et al. (1996)
Parafluoraniiline	371-40-4		100%					15.49	Severe	Severe	Gilleron et al. (1997)
2,4-Pentadione	123-54-6		100%					8.8	Moderate	Moderate	Gilleron et al. (1996)
Phenylephrine hydrochloride	61-76-7	AP	100%	Solid		1000	7	18.3	Severe	Severe	Spielmann et al. (1996)
Phenylephrine hydrochloride	61-76-7	HK	100%	Solid		1000	7	19.9	Severe		Spielmann et al. (1996)
1-Phenyl-3-pyrazolidine	92-43-3		100%					0.5	Nonirritant	Nonirritant	Gilleron et al. (1996)
Phenylthiourea	103-85-5	AP	100%	Solid		1	5.5	3.1	Slight	Slight	Spielmann et al. (1996)
Phenylthiourea	103-85-5	BD	100%	Solid		1	5.5	0	Nonirritant		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Phosphonat A		AP	100%	Unknown		3.6	2.1	3.5	Slight	Severe	Spielmann et al. (1996)
Phosphonat A		BG	100%	Unknown		3.6	2.1	10.1	Severe		Spielmann et al. (1996)
Acefyllin piperazinate	18833-13-1	HK	100%	Solid		625	5	15.3	Severe	Severe	Spielmann et al. (1996)
Acefyllin piperazinate	18833-13-1	WA	100%	Solid		625	5	14.6	Severe		Spielmann et al. (1996)
Acefyllin piperazinate	18833-13-1	BG	100%	Solid		625	5	9	Severe		Spielmann et al. (1996)
PO 2		AP	100%	Unknown		insoluble		0.3	Nonirritant	Nonirritant	Spielmann et al. (1996)
PO 2		WA	100%	Unknown		insoluble		0	Nonirritant		Spielmann et al. (1996)
Polyethylene glycol butyl ether	9004-77-7	AP	100%	Liquid		1000	6	19.3	Severe	Severe	Spielmann et al. (1996)
Polyethylene glycol butyl ether	9004-77-7	WA	100%	Liquid		1000	6	19.2	Severe		Spielmann et al. (1996)
Polyethylene glycol dimethyl ether	24991-55-7	HO	100%	Unknown		readily soluble	7	7.6	Moderate	Severe	Spielmann et al. (1996)
Polyethylene glycol dimethyl ether	24991-55-7	WA	100%	Unknown		readily soluble	7	19.8	Severe		Spielmann et al. (1996)
Polyethylene glycol	25322-68-3	MD	100%	Unknown		750		6.6	Moderate	Moderate	Spielmann et al. (1996)
Polyethylene glycol	25322-68-3	WA	100%	Unknown		750		7.7	Moderate		Spielmann et al. (1996)
Polyethylene glycol 400	25322-68-3		100%	Liquid				14.68	Severe		Gilleron et al. (1997)
Polyoxyethylene 23 lauryl ether	9002-92-0		100%					1.5	Slight	Slight	Gilleron et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Polyhexamethylene guanidine		BD	100%	Unknown		soluble	7.1	15.5	Severe	Severe	Spielmann et al. (1996)
Polyhexamethylene guanidine		BG	100%	Unknown		soluble	7.1	14.6	Severe		Spielmann et al. (1996)
Polysolvan	7397-62-8	AP	100%	Liquid		80	7	19.4	Severe	Severe	Spielmann et al. (1996)
Polysolvan	7397-62-8	HO	100%	Liquid		80	7	15.9	Severe		Spielmann et al. (1996)
Potassium cyanate	590-28-3	AP	100%	Solid		750	10	19.4	Severe	Severe	Spielmann et al. (1996)
Potassium cyanate	590-28-3	MD	100%	Solid		750	10	15.9	Severe		Spielmann et al. (1996)
Potassium cyanate	590-28-3		100%					14.27	Severe		Gilleron et al. (1997)
Potassium hexacyanoferrate II	14459-95-1	HK	100%	Solid		250	9.5	17.2	Severe	Severe	Spielmann et al. (1996)
Potassium hexacyanoferrate II	14459-95-1	HO	100%	Solid		250	9.5	6.3	Moderate		Spielmann et al. (1996)
Potassium hexacyanoferrate III	13756-66-2	BD	100%	Solid		310	8	5.7	Moderate	Moderate	Spielmann et al. (1996)
Potassium hexacyanoferrate III	13756-66-2	MD	100%	Solid		310	8	6.45	Moderate		Spielmann et al. (1996)
Promethazine HCl	58-33-3		100%					11.9	Severe	Severe	Gilleron et al. (1996)
Promethazine HCl	58-33-3		100%					6.27	Moderate		Gilleron et al. (1997)
Propyl-4-hydroxybenzoate	94-13-3		100%					1.9	Slight	Slight	Gilleron et al. (1996)
2-Pseudojonon		HK	100%	Unknown		0.1		7.3	Moderate	Moderate	Spielmann et al. (1996)
2-Pseudojonon		BG	100%	Unknown		0.1		4.1	Slight		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Pyridine	110-86-1		100%					15.8	Severe	Severe	Gilleron et al. (1996)
Pyridine	110-86-1		100%					17.79	Severe		Gilleron et al. (1997)
Quinacrine	69-05-6		100%					6.5	Moderate	Moderate	Gilleron et al. (1996)
Quinacrine	69-05-6		100%					7.29	Moderate		Gilleron et al. (1997)
RK Blau		HK	100%	Unknown		100	2.6	n.p.			Spielmann et al. (1996)
RK Blau		MD	100%	Unknown		100	2.6	n.p.			Spielmann et al. (1996)
Rubinrot Y		AP	100%	Unknown		172		5.3	Moderate	Moderate	Spielmann et al. (1996)
Rubinrot Y		HO	100%	Unknown		172		n.p.			Spielmann et al. (1996)
Sacyclo		HO	100%	Unknown		insoluble		4.4	Slight	Slight	Spielmann et al. (1996)
Sacyclo		MD	100%	Unknown		insoluble		3.3	Slight		Spielmann et al. (1996)
Sept		BD	100%	Unknown		soluble	3	15.9	Severe	Severe	Spielmann et al. (1996)
Sept		HK	100%	Unknown		soluble	3	19.8	Severe		Spielmann et al. (1996)
Sodium oxalate	62-76-0		100%					14.2	Severe	Severe	Gilleron et al. (1997)
Sodium perborate	10486-00-7		100%					13.19	Severe	Severe	Gilleron et al. (1997)
Tetraaminopyrimidine sulfate	5392-28-9		100%					0.5	Nonirritant	Slight	Gilleron et al. (1996)
Tetraaminopyrimidine sulfate	5392-28-9		100%					4.33	Slight		Gilleron et al. (1997)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Thiourea	62-56-6		100%					13.7	Severe	Severe	Gilleron et al. (1996)
Thiourea	62-56-6		100%					17.89	Severe		Gilleron et al. (1997)
Toluene	108-88-3		100%					16.09	Severe	Severe	Gilleron et al. (1997)
1,2,3-Trichloropropane	96-18-4		100%					7.9	Moderate	Moderate	Gilleron et al. (1996)
1,2,4-Trichloropropane	95-63-6		100%					4.5	Slight	Slight	Gilleron et al. (1996)
Triethanolamine	102-71-6		100%					9.6	Severe	Severe	Gilleron et al. (1996)
Trimethoxypropylsilane	1067-25-0	BD	100%	Liquid		poorly soluble		4.5	Slight	Severe	Spielmann et al. (1996)
Trimethoxypropylsilane	1067-25-0	AP	100%	Liquid		poorly soluble		13.7	Severe		Spielmann et al. (1996)
Trimethoxyoctylsilane	3069-40-7	HO	100%	Liquid		insoluble		8.4	Moderate	Severe	Spielmann et al. (1996)
Trimethoxyoctylsilane	3069-40-7	BG	100%	Liquid		insoluble		10	Severe		Spielmann et al. (1996)
Silan 165	29055-11-6	HO	100%	Unknown		insoluble		4.1	Slight	Moderate	Spielmann et al. (1996)
Silan 165	29055-11-6	WA	100%	Unknown		insoluble		7.2	Moderate		Spielmann et al. (1996)
Silan 167	41453-78-5	WA	100%	Unknown		soluble		4.7	Slight	Slight	Spielmann et al. (1996)
Silan 167	41453-78-5	HO	100%	Unknown		soluble		2.3	Slight		Spielmann et al. (1996)
Silan 253	18784-74-2	BD	100%	Unknown		insoluble	<7	9.9	Severe	Severe	Spielmann et al. (1996)
Silan 253	18784-74-2	MD	100%	Unknown		insoluble	<7	14.7	Severe		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Sodium bisulfite	7631-90-5	AP	100%	Solid		readily soluble	4.5	20	Severe	Severe	Spielmann et al. (1996)
Sodium bisulfite	7631-90-5	MD	100%	Solid		readily soluble	4.5	16.8	Severe		Spielmann et al. (1996)
Sodium sulfite	7757-83-7	AP	100%	Solid		250	10	16.1	Severe	Severe	Spielmann et al. (1996)
Sodium sulfite	7757-83-7	BG	100%	Solid		250	10	12.3	Severe		Spielmann et al. (1996)
Sodium cyanate	917-61-3	MD	100%	Solid		110	10.4	8.2	Moderate	Severe	Spielmann et al. (1996)
Sodium cyanate	917-61-3	WA	100%	Solid		110	10.4	10.7	Severe		Spielmann et al. (1996)
Sodium disilicate	13870-28-5	BG	100%	Solid		3.5	11.4	18.2	Severe	Severe	Spielmann et al. (1996)
Sodium disilicate	13870-28-5	HK	100%	Solid		3.5	11.4	16.6	Severe		Spielmann et al. (1996)
Sodium hydrogen sulfate	7681-38-1	HK	100%	Solid		1080	1.1	19.2	Severe	Severe	Spielmann et al. (1996)
Sodium hydrogen sulfate	7681-38-1	WA	100%	Solid		1080	1.1	18.1	Severe		Spielmann et al. (1996)
Sodium lauryl ether sulfate	3088-31-1	BG	100%	Unknown		soluble	8	17.9	Severe	Severe	Spielmann et al. (1996)
Sodium lauryl ether sulfate	3088-31-1	MD	100%	Unknown		soluble	8	19	Severe		Spielmann et al. (1996)
Sodium monochloroacetate	3926-62-3	HO	100%	Solid		440	4.5	16.1	Severe	Severe	Spielmann et al. (1996)
Sodium monochloroacetate	3926-62-3	BD	100%	Solid		440	4.5	10.8	Severe		Spielmann et al. (1996)



Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Sodiumpyrosulfite	7681-57-4	AP	100%	Solid		650	4.6	17.7	Severe	Severe	Spielmann et al. (1996)
Sodiumpyrosulfite	7681-57-4	BD	100%	Solid		650	4.6	11.6	Severe		Spielmann et al. (1996)
Sodiumpyrosulfite	7681-57-4	bg	100%	Solid		650	4.6	14.5	Severe		Spielmann et al. (1996)
4-((2-sulfatoethyl)sulfonyl)-aniline	2494-89-5	AP	100%	Unknown		soluble	7	10.4	Severe	Severe	Spielmann et al. (1996)
4-((2-sulfatoethyl)sulfonyl)-aniline	2494-89-5	HK	100%	Unknown		soluble	7	n.p.	Severe		Spielmann et al. (1996)
TA 01946 Alkylsilan		AP	100%	Unknown		0.014		16.2	Severe	Severe	Spielmann et al. (1996)
TA 01946 Alkylsilan		HK	100%	Unknown		0.014		10	Severe		Spielmann et al. (1996)
Theophylline sodium acetate	8002-89-9	AP	100%	Unknown		50	11	6.9	Moderate	Moderate	Spielmann et al. (1996)
Theophylline sodium acetate	8002-89-9	HO	100%	Unknown		50	11	n.p.	Severe		Spielmann et al. (1996)
Tocla		BD	100%	Unknown		40	6	13.5	Severe	Severe	Spielmann et al. (1996)
Tocla		HK	100%	Unknown		40	6	20.4	Severe		Spielmann et al. (1996)
Triisooctylamine	25549-16-0	BG	100%	Solid		0.5	7	14.1	Severe	Severe	Spielmann et al. (1996)
Triisooctylamine	25549-16-0	MD	100%	Solid		0.5	7	4	Slight		Spielmann et al. (1996)
2,2,3-Trimethyl-3-Cyclopentene-1-acetaldehyde	4501-58-0	BG	100%	Solid		< 2.5	2.3	9.7	Severe	Severe	Spielmann et al. (1996)
2,2,3-Trimethyl-3-Cyclopentene-1-acetaldehyde	4501-58-0	AP	100%	Solid		< 2.5	2.3	14.7	Severe		Spielmann et al. (1996)

Substance Name	CASRN	Test Lab	Concentration Tested	Physical Form Tested	Purity (%)	Solubility <sup>1</sup>	pH	IS(B)-100 <sup>2</sup>	IS(B)-100 Classification	Overall IS(B)-100 Classification	Reference
Trioxane	110-88-3	HK	100%	Solid		172		18	Severe	Severe	Spielmann et al. (1996)
Trioxane	110-88-3	WA	100%	Solid		172		17.8	Severe		Spielmann et al. (1996)
Triton X-155	9010-44-0		100%					3.9	Slight	Slight	Gilleron et al. (1996)
Tween 20	9005-64-5		100%					14.47	Severe	Severe	Gilleron et al. (1997)
Tween 20	9005-64-5		100%					3.22	Slight		Vinardell and Macián (1994)
Wessalith Slurry		BG	100%	Unknown		readily soluble	11	4.1	Slight	Severe	Spielmann et al. (1996)
Wessalith Slurry		WA	100%	Unknown		readily soluble	11	15.7	Severe		Spielmann et al. (1996)
Xanthinol nicotinate	437-74-1	WA	100%	Solid		250	6	9	Severe	Severe	Spielmann et al. (1996)
Xanthinol nicotinate	437-74-1	HK	100%	Solid		250	6	17.4	Severe		Spielmann et al. (1996)

Abbreviations: CASRN = Chemical Abstracts Service Registry Number.

<sup>1</sup> Solubility = obtained from literature references, where available, expressed as g/mL

<sup>2</sup> IS(B)-100 represents irritation scores that were calculated using a method similar to the one described in Kalweit et al. (1987) where the *in vitro* scores was obtained using a 100% concentration and where the *in vivo* results were obtained at 100% concentration.