Zu den **nicht** erhebungsrelevanten Stoffen zählen beispielsweise anorganische Stoffe wie Ammoniak (R 717), Wasser (R 718) und Kohlendioxid (R 744), Lachgas (N2O) oder unhalogenierte Kohlenwasserstoffe wie z.B. Propan (R 290), Butan (R 600). Auch halogenierte Inhalationsanästhetika aus der Stoffgruppe der Flurane wie z.B. Sevofluran, Isofluran und Desfluran sowie Methoxyfluran sind **nicht** Gegenstand der Erhebung.

Stoffliste BJ 2024
Bestimmte klimawirksame Stoffe und deren Blends

Stoff		STKZ [1]	Chemische Bezeichnung / Handelsbezeichnung	Summenformel	CO_2 - Äquivalente [2]
FKW					
R	14	1001	Tetrafluormethan	CF_4	6 630
R	116	1006	Hexafluorethan	C_2F_6	11 100
R	c216	1010	Hexaafluorcyclopropan	c-C_3F_6	9 200
R	218	1011	Oktafluorpropan	C_3F_8	8 900
R	c318	1012	Octafluorcyclobutan	c-C_4F_8	9 540
R	3-1-10	1016	Decafluorbutan	C_4F_{10}	9 200
R	4-1-12	1021	Dodecafluorpentan	C_5F_{12}	8 550
R	5-1-14	1026	Tetradecafluorhexan	C_6F_{14}	7 910
R	9-1-18	1028	Perfluordecalin	$C_{10}F_{18}$	7 190
R	1316	1029	Hexafluor-1,3-butadien	CF_2=CF-CF=CF_2	1
	Nonafluor-4-trifluormethyl-pent-2-en	1030	1,1,1,2,3,4,5,5,5-Nonafluor-4-trifluormethyl-pent-2-en	CF_3CF=CFCFCF_3CF_3	1
R	4-1-14	1031	Perfluor-2-methylpentan	CF_3-CF(CF_3)-CF_2-CF_2-CF_3 (i-C_6F_{14})	7 370
H-FKW					
R	23	2001	Trifluormethan	CHF_3	12 400
R	32	2003	Difluormethan	CH_2F_2	677
R	41	2005	Fluormethan	CH_3F	116
R	125	2007	Pentafluorethan	CHF_2-CF_3	3 170
R	134	2009	1,1,2,2-Tetrafluorethan	CHF_2-CHF_2	1 120
R	134a	2011	1,1,1,2-Tetrafluorethan	CF_3-CH_2F	1 300
R	143	2013	1,1,2-Trifluorethan	CHF_2-CH_2F	328
R	143a	2015	1,1,1-Trifluorethan	CH_3-CF_3	4 800
R	152	2016	1,2-Difluorethan	CH_2F-CH_2F	16
R	152a	2017	1,1-Difluorethan	CH_3-CHF_2	138
R	161	2019	Fluorethan	CH_3-CH_2F	4
R	227ea	2023	1,1,1,2,3,3,3-Heptafluorpropan	CF_3-CHF-CF_3	3 350
R	236cb	2027	1,2,2,3,3,3-Hexafluorpropan	CH_2F-CF_2-CF_3	1 210
R	236ea	2029	1,1,2,3,3,3-Hexafluorpropan	CHF_2-CHF-CF_3	1 330
R	236fa	2031	1,1,1,3,3,3-Hexafluorpropan	CF_3-CH_2-CF_3	8 060
R	245ca	2033	1,1,2,2,3-Pentafluorpropan	CHF_2-CF_2-CH_2F	716
R	245fa	2037	1,1,3,3,3-Pentafluorpropan, "Enovate"	CHF_2-CH_2-CF_3	858
R	43-10mee	2070	1,1,1,2,2,3,4,5,5,5-Decafluorpentan	CF_3-CF_2-CHF-CHF-CF_3	1 650
R	365mfc	2071	1,1,1,3,3-Pentafluorbutan	CF_3-CH_2-CF_2-CH_3	804
R	1234yf	2073	2,3,3,3,Tetrafluorprop-1-en, "Opteon YF", Solstice L-13, "Opteon XL 10"	CF_3-CF=CH_2	1
R	1234ze (E)	2075	trans-1,3,3,3-Tetrafluorprop-1-en "HBA-1", "Solstice Gas BA", "Solstice ze"	CF_3-CH=CHF (E)	1
R	1336mzz (Z)	2080	cis-1,1,1,4,4,4-Hexafluorbut-2-en "Formacel 1100", DR-2	CF_3-CH=CH-CF_3 (Z)	2
R	1234ze (Z)	2081	cis-1, 3, 3, 3-Tetrafluoropropen	CF_3-CH=CHF (Z)	1
R	1132a	2082	1,1 Difluorethen (Vinylidenfluorid)	CF_2=CH_2	1
R	1141	2083	Fluorethen (Vinylfluorid)	CH_2=CHF	1
R	1234ze (Z)	2084	cis-1,3,3,3-Tetrafluorprop-1-en	CF_3-CH=CHF (Z)	1
R	1336mzz (E)	2085	trans-1,1,1,4,4,4-Hexafluorbut-2-en	CF_3-CH=CH-CF_3 (E)	17,9
R	1132 (E)	2086	trans-1,2-Difluorethen	CHF=CHF (E)	1
H-FCKW					
R	1224yd (Z)	3001	cis-1-Chlor-2,3,3,3-Tetrafluorprop-1-en, "Amolea 1224yd", "Amolea ™yd"	CHCl=CF-CF_3 (Z)	1
R	1233zd (E)	3002	trans-1-Chlor-3,3,3-Trifluorprop-1-en, "HBA 2", "Solstice LBA" "Solstice®zd"	CHCl=CH-CF_3 (E)	1
R	1233xf	3003	2-Chlor-3,3,3-Trifluorprop-1-en	CH_2=CCl-CF_3	1
R	1233zd (Z)	3004	cis-1-Chlor-3,3,3-Trifluorprop-1-en	CHCl=CH-CF_3 (Z)	3,88
Blends					
R	404A	4001	Suva HP 62 (Suva 404A neu), Reclin 404 A, Forane FX 70 (Forane 404A neu), Meforex M 55, Solkane 404A, Isceon 404 A, Klea 404A	R 125 (CHF_2-CF_3): 44% R 134a (CH_2F-CF_3): 4% R 143a (CH_3-CF_3): 52%	3942,800
R	423A	4002	Isceon 39TC	R 134a (CF3-CH2F): 52,5% R 227ea (CF3-CHF-CF3): 47,5%	2273,750
R	419A	4003	Forane FX 90	R 125 (CHF_2-CF_3): 77% R 134a (CF_3-CH_2F): 19% RE170 (CH_3-O-CH_3): 4 %	2687,940
R	407A	4004	Klea 407A (Klea60), Isceon 407A, Suva 407A	R 32 (CH_2F_2): 20% R 125 (CHF_2-CF_3): 40% R 134a (CF_3-CH_2F):40%	1923,400
R	407B	4005	Klea 407B (Klea 61)	R 32 (CH_2F_2): 10% R 125 (CHF_2-CF_3): 70% R 134a (CF_3-CH_2F): 20%	2546,700
R	407C	4010	Reclin 407 C, HX 3, Forane 407C, Suva AC 9000 (Suva 407C neu), Klea 407C (Klea 66), Meforex M 95, Isceon 407 C, DAIKIN R407C (früher Solkane 407C)	R 32 (CH_2F_2): 23% R 125 (CHF_2-CF_3): 25% R 134a (CH_2F-CF_3): 52%	1624,210
R	407D	4011	Klea 407D	R 32 (CH_2F_2): 15% R 125 (CHF_2-CF_3): 15% R 134a (CF_3-CH_2F): 70%	1487,050
R	407E	4012	Klea 407E	R 32 (CH_2F_2): 25% R 125 (CHF_2-CF_3): 15% R 134a (CF_3-CH_2F): 60%	1424,750
R	410A	4013	Genetron AZ 20, DAIKIN R410A (früher Solkane 410A), Reclin 410, Suva 410A, Suva 9100, Meforex M 98, Klea 410A, Forane 410A	R 32 (CH_2F_2): 50% R 125 (CHF_2-CF_3): 50%	1923,500
R	407F	4014	Genetron Performax LT (Honeywell)	R 32 (CH_2F_2): 30% R 125 (CHF_2-CF_3): 30% R 134a (CF_3-CH_2F): 40%	1674,100
R	407G	4015	Klea 407G	R 32 (CH_2F_2): 2,5% R 125 (CHF_2-CF_3): 2,5% R 134a (CF_3-CH_2F): 95%	1331,175
R	407H	4016	Klea 407H , Creard R407H (Daikin)	R 32 (CH_2F_2): 32,5% R 125 (CHF_2-CF_3): 15% R 134a (CF_3-CH_2F): 52,5%	1378,025
R	407I	4017		R 32 (CH_2F_2): 19,5% R 125 (CHF_2-CF_3): 8,5% R 134a (CF_3-CH_2F): 72%	1337,465
R	410B	4018		R 32 (CH_2F_2): 45% R 125 (CHF_2-CF_3): 55 %	2048,150
R	413A	4019	Isceon MO49	R 134a (CH_2F-CF_3): 88% R 218 (CF_3-CF_2-CF_3): 9% R 600a ($CH(CH_3)_3$): 3%	1945,090
R	507A	4022	Suva 507, AZ 50, Solkane 507,Klea 507, Reclin 507, Forane 507, Meforex M 57, Isceon 507, Genetron® AZ-50®	R 125 (CHF_2-CF_3): 50% R 143a (CH_3-CF_3): 50%	3985,000
R	460C	4023		R 32 (CH_2F_2): 2,5% R 125 (CHF_2-CF_3): 2,5% R 134a (CF_3-CH_2F): 46% R 1234ze (CHF=CH-CF_3): 49%	694,665

R	463A	4024	Opteon XP41 (Chemours)	R 32 (CH_2F_2): 36% R 125 (CHF_2-CF_3): 30% R 134a (CF_3-CH_2F): 14% R 1234yf (CH_2=CF-CF_3): 14% R 744 (CO_2): 6%	1376,920
R	508A	4025	Klea 508A (R5R3)	R 23 (CHF_3): 39% R 116 (C_2F_6): 61%	11607,000
R	464A	4026		R 32 (CH_2F_2): 27% R 125 (CHF_2-CF_3): 27% R 227ea (CF_3-CHF-CF_3): 6% R 1234ze (CHF=CH-CF_3): 40%	1240,090
R	465A	4027	ARM-25 (Arkema)	R 32 (CH_2F_2): 21% R 1234yf (CH_2=CF-CF_3): 71,1% R 290 (C_3H_8) : 7,9%	143,118
R	508B	4028	Suva 95	R 23 (CHF_3): 46% R 116 (C_2F_6): 54%	11698,000
R	515B	4029	Solstice N15 (Honeywell)	R 227ea (CF_3-CHF-CF_3): 8,9% R 1234ze (CHF=CH-CF_3):91,1%	299,061
R	511A	4032		R 152a (CH_3-CHF_2): 5% R 290 (CH_3-CH_2-CH_3): 95%	9,750
R	512A	4033		R 134a (CF_3-CH_2F): 5% R 152a (CH_3-CHF_2): 95%	196,100
R	424A	4035		R 125 (CHF2-CF3): 50,5% R 134a (CF3-CH2F): 47% R 600 (CH3-CH2-CH2-CH3): 1% R 600a ((CH3)2CH-CH3): 0,9% R 601a ((CH3)2CH-CH2-CH3): 0,6%	2211,965
R	426A	4036		R 125 (CHF_2-CF_3): 5,1% R 134a (CF_3-CH_2F): 93% R 600 (CH_3-CH_2-CH_2-CH_3): 1,3% R 601a (CH_3-CH(CH_3)-CH_2-CH_3): 0,6%	1370,752
R	513A	4038	Opteon XP10 (Chemours), R513A (Daikin Chemical)	R 134a (CF_3-CH_2F): 44% R 1234yf (CH_2=CF-CF_3): 56%	572,560
R	427A	4040	Forane FX100, (neu: Forane 427A)	R 32 (CH_2F_2): 15% R 125 (CHF_2-CF_3): 25% R 134a (CF_3-CH_2F): 50% R 143a (CH_3-CF_3): 10%	2024,050
R	437A	4041	Isceon MO49Plus	R 125 (CHF_2-CF_3): 19,5% R 134a (CF_3-CH_2F): 78,5% R 600 (CH_3-CH_2-CH_2-CH_3): 1,4% R 601 (CH_3-CH_2-CH_2-CH_2-CH_3) : 0,6%	1638,736
R	438A	4042	Isceon MO99	R 32 (CH_2F_2): 8,5% R 125 (CHF_2-CF_3): 45% R 134a (CF_3-CH_2F): 44,2% R 600 (CH_3-CH_2-CH_2-CH_3): 1,7% R 601a (CH_3-$CH(CH_3)$-CH_2-CH_3): 0,6%	2058,743
R	422B	4043	NU-22	R 125 (CHF_2CF_3): 55% R 134a (CF_3-CH_2F): 42% R 600a ($CH(CH_3)_3$): 3%	2289,590
R	428A	4044	RS-52	R 125 (CHF2-CF3): 77,5% R 143a (CH3-CF3): 20% R 290 (CH3-CH2-CH3): 0,6% R 600a ((CH3)2CH-CH3): 1,9%	3416,825
R	434A	4045	RS-45	R 125 (CHF_2-CF_3): 63,2% R 134a (CF_3-CH_2F): 16% R 143a (CH_3-CF_3): 18% R 600a ($CH(CH_3)_3$): 2,8%	3075,524
	Isceon MO89	4046	Isceon MO89	R 125 (CHF2-CF3): 86% R 290 (H3C-CH2-CH3): 5% R 218 (C3F8): 9%	3527,350
R	417C	4047		R 125 (CHF_2-CF_3): 19,5% R 134a (CH_2F-CF_3): 78,8% R 600 (CH_3-CH_2-CH_2-CH_3): 1,7%	1642,618
R	419B	4048		R 125 (CHF_2-CF_3): 48,5% R 134a (CF_3-CH_2F): 48% RE170 (CH_3-O-CH_3): 3,5%	2161,485
R	417A	4049	Isceon MO59	R 125 (CHF_2-CF_3): 46,6% R 134a (CH_2F-CF_3): 50% R 600 (CH_3-CH_2-CH_2-CH_3): 3,4%	2127,356
R	417B	4050	Solkane 22L (Solvay)	R 125 (CHF_2-CF_3): 79% R 134a (CH_2F-CF_3): 18,3% R 600 (CH_3-CH_2-CH_2-CH_3): 2,7%	2742,308
R	430A	4051		R 152a (CH_3-CHF_2): 76% R 600a ($CH(CH_3)_3$): 24%	105,600
R	431A	4052		R 152a (CH_3-CHF_2): 29% R 290 (CH_3-CH_2-CH_3): 71%	42,150
R	435A	4053		R 152a (CH_3-CHF_2): 20% R E170 (CH_3-O-CH_3): 80%	28,400
R	439A	4054		R 32 (CH_2F_2): 50% R 125 (CHF_2-CF_3): 47% R 600a ($CH(CH_3)_3$): 3%	1828,490
R	440A	4056		R 134a (CF_3-CH_2F): 1,6% R 152a (CH_3-CHF_2): 97,8% R 290 (CH_3-CH_2-CH_3): 0,6%	155,782
R	442A	4057	RS-50	R 32 (CH_2F_2): 31% R 125 (CHF_2-CF_3): 31% R 134a (CF_3-CH_2F): 30% R 152a (CH_3-CHF_2): 3% R 227ea (CF_3-CHF-CF_3): 5%	1754,210
R	444A	4059	AC5 (Koura (Mexichem))	R 32 (CH_2F_2): 12% R 152a (CH_3-CHF_2): 5% R 1234ze E (CF_3-CH=CHF): 83%	88,970
R	444B	4060	Solstice L-20	R 32 (CH_2F_2): 41,5% R 152a (CH_3-CHF_2): 10% R 1234ze E (CF_3-CH=CHF): 48,5%	295,240
R	365 mfc/ R 227ea Gemisch 1	4062	Solkane 365/227 93/7	R 227ea (CF_3-CHF-CF_3): 7% R 365 mfc (CF_3-CH_2-CF_2-CH_3): 93%	982,220
R	365 mfc/ R 227ea Gemisch 2	4063	Solkane 365/227 87/13	R 227ea (CF_3-CHF-CF_3): 13% R 365 mfc (CF_3-CH_2-CF_2-CH_3): 87%	1134,980
R	422A	4066	Isceon MO79	R 125 (CHF_2-CF_3): 85,1% R 134a (CF_3-CH_2F): 11,5% R 600a ($CH(CH_3)_3$): 3,4%	2847,272
R	422D	4067	Isceon MO29	R 125 (CHF_2CF_3): 65,1% R 134a (CF_3-CH_2F): 31,5% R 600a ($CH(CH_3)_3$): 3,4%	2473,272
R	421A	4068		R 125 (CHF2-CF3): 58% R 134a (CF3-CH2F): 42%	2384,600
R	421B	4069		R 125 (CHF2-CF3): 85% R 134a (CF3-CH2F): 15%	2889,500
R	422C	4071		R 125 (CHF_2-CF_3): 82% R 134a (CF_3-CH_2F): 15% R 600a ($CH(CH_3)_3$): 3%	2794,490

R	422E	4072		R 125 (CHF_2CF_3): 58% R 134a (CF_3-CH_2F): 39,3% R 600a ($CH(CH_3)_3$): 2,7%	2349,581
R	425A	4073		R 32 (CH_2F_2): 18,5% R 134a (CF_3-CH_2F): 69,5% R 227ea (CF_3-CHF-CF_3): 12%	1430,745
R	429A	4074		R 152a (CH_3-CHF_2): 10% R E170 (CH_3-O-CH_3): 60% R 600a ($CH(CH_3)_3$): 30%	15,300
R	445A	4075	Mexichem AC6	R 134a (CF_3-CH_2F): 9% R 1234ze E (CF_3-CH=CHF): 85% R 744 (CO_2): 6%	117,910
R	446A	4076		R 32 (CH_2F_2): 68% R 1234ze (CHF=CH-CF_3): 29% R 600 (CH_3-CH_2-CH_2-CH_3): 3%	461,150
R	447A	4077	Solstice L-41 (Honeywell)	R 32 (CH_2F_2): 68% R 125 (CHF_2-CF_3): 3,5% R 1234ze (CHF=CH-CF_3): 28,5%	571,595
R	448A	4078	Solstice N40 (Honeywell)	R 32 (CH_2F_2): 26% R 125 (CHF_2-CF_3): 26% R 134a (CF_3-CH_2F): 21% R 1234yf (CH_2=CF-CF_3): 20% R 1234ze E (CF_3-CH=CHF): 7%	1273,490
R	449A	4079	Opteon XP40 (Chemours), Forane 449 (Arkema)	R 32 (CH_2F_2): 24,3% R 125 (CHF_2-CF_3): 24,7% R 134a (CF_3-CH_2F): 25,7% R 1234yf (CH_2=CF-CF_3): 25,3%	1281,854
R	450A	4080	Solstice N13 (Honeywell)	R 134a (CF_3-CH_2F): 42% R 1234ze (CHF=CH-CF_3): 58%	546,580
R	451A	4081		R 134a (CF_3-CH_2F): 10,2% R 1234yf (CH_2=CF-CF_3): 89,8%	133,498
R	451B	4082		R 134a (CF_3-CH_2F): 11,2% R 1234yf (CH_2=CF-CF_3): 88,8%	146,488
R	452A	4083	Opteon XP44 (Chemours)	R 32 (CH_2F_2): 11% R 125 (CHF_2-CF_3): 59% R 1234yf (CH_2=CF-CF_3): 30%	1945,070
R	454A	4084	Opteon XL40 (früher DR-7, Chemours), R454A (Daikin Chemical, früher D2Y-65)	R 32 (CH_2F_2): 35% R 1234yf (CH_2=CF-CF_3): 65%	237,600
R	454B	4085	Opteon XL41 (früher DR-5A, Chemours), Puron Advance (Carrier)	R 32 (CH_2F_2): 68,9% R 1234yf (CH_2=CF-CF_3): 31,1%	466,764
R	452B	4086	Opteon XL55 (Chemours), Solstice L-41y (Honeywell)	R 32 (CH_2F_2): 67% R 125 (CHF_2-CF_3): 7% R 1234yf (CH_2=CF-CF_3): 26%	675,750
R	454C	4087	Opteon XL20 (Chemours)	R 32 (CH_2F_2): 21,5% R 1234yf (CH_2=CF-CF_3): 78,5%	146,340
R	455A	4088	Solstice L40X (früher HDR110) (Honeywell)	R 32 (CH_2F_2): 21,5% R 1234yf (CH_2=CF-CF_3): 75,5% R 744 (CO_2): 3%	146,340
R	447B	4089	Solstice L-41z (Honeywell)	R 32 (CH_2F_2): 68% R 125 (CHF_2-CF_3): 8,0% R 1234ze (CHF=CH-CF_3): 24,0%	714,200
R	456A	4090	AC5X (Koura/Mexichem)	R 32 (CH_2F_2): 6% R 134a (CF_3-CH_2F): : 45% R 1234ze (CHF=CH-CF_3) : 49%	626,110
R	457A	4091	ARM-20a (Arkema)	R 32 (CH_2F_2): 18% R 152a (CH_3-CHF_2): 12% R 1234yf (CH_2=CF-CF_3): 70%	139,120
R	459A	4092	ARM-71 (Arkema)	R 32 (CH_2F_2): 68% R 1234yf (CH_2=CF-CF_3): 26% R 1234ze E (CF_3-CH=CHF): 6%	460,680
R	459B	4093	LTR11 (Mexichem)	R 32 (CH_2F_2): 21% R 1234yf (CH_2=CF-CF_3): 69% R 1234ze E (CF_3-CH=CHF): 10%	142,960
R	460A	4094	LTR10 (Mexichem)	R 32 (CH_2F_2): 12% R 125 (CHF_2-CF_3): 52% R 134a (CF_3-CH_2F): 14% R 1234ze (CHF=CH-CF_3): 22%	1911,860
R	460B	4095	LTR4X (Mexichem)	R 32 (CH_2F_2): 28% R 125 (CHF_2-CF_3): 25% R 134a (CF_3-CH_2F): 20% R 1234ze (CHF=CH-CF_3): 27%	1242,330
R	466A	4096	Solstice N-41 (Honeywell)	R 32 (CH_2F_2): 49% R 125 (CHF_2-CF_3): 11,5% R 13I1 (CF_3I): 39,5%	696,438
R	513B	4097		R 134a (CF_3-CH_2F): 41,5% R 1234yf (CH_2=CF-CF_3): 58,5%	540,085
R	514A	4098	Opteon XP30 (DuPont)	R 1336mzz (CF_3-CH=CH-CF_3) : 74,7% R 1130 (CHCl=CHCl) : 25,3%	1,747
R	515A	4099	HDR-115	R 227ea (CF_3-CHF-CF_3): 12% R 1234ze (CHF=CH-CF_3): 88%	402,880
R	449B	4101		R 32 (CH_2F_2): 25,2% R 125 (CHF_2-CF_3): 24,3% R 134a (CF_3-CH_2F): 27,3% R 1234yf (CH_2=CF-CF_3): 23,2%	1296,046
R	449C	4102	Opteon XP20 (Chemours)	R 32 (CH_2F_2): 20% R 125 (CHF_2-CF_3): 20% R 134a (CF_3-CH_2F): 29% R 1234yf (CH_2=CF-CF_3): 31%	1146,710
R	467A	4103		R 32 (CH_2F_2): 22% R 125 (CHF_2-CF_3): 5% R 134a (CF_3-CH_2F): 72,4% R 600a ($CH(CH_3)_3$): 0,6%	1248,820
R	468A	4104	Daikin Chemical	R 32 (CH_2F_2): 21,5% R 1234yf (CH_2=CF-CF_3): 75% R 1132a (CH_2=CF_2): 3,5%	146,340
R	469A	4105		R 32 (CH_2F_2): 32,5% R 125 (CHF_2-CF_3): 32,5% R 744 (CO_2): 35%	1250,625
R	470A	4106	RS-53	R 32 (CH_2F_2): 17% R 125 (CHF_2-CF_3): 19% R 134a (CF_3-CH_2F): 7% R 227ea (CF3-CHF-CF3): 3% R 1234ze (CHF=CH-CF3): 44% R 744 (CO_2): 10%	909,430
R	470B	4107	RS-51 (Refrigerant Solutions Ltd (RSL))	R 32 (CH_2F_2): 11,5% R 125 (CHF_2-CF_3): 11,5% R 134a (CF_3-CH_2F): 3% R 227ea (CF3-CHF-CF3): 7% R 1234ze (CHF=CH-CF3): 57% R 744 (CO_2): 10%	716,575
R	457B	4108	ARM-20b (Arkema)	R 32 (CH_2F_2): 35% R 152a (CH_3-CHF_2): 10% R 1234yf (CH_2=CF-CF_3): 55%	251,300

R	471A	4109	Honeywell	R 227ea (CF3-CHF-CF3): 4,3% R 1234ze (E) (CHF=CH-CF3): 78,7% R 1336mzz (E) (CHF_2-CF_3): 17,0%	145,177
R	472A	4110		R 32 (CH_2F_2): 12% R 134a (CF_3-CH_2F): 19% R 744 (CO_2): 69%	328,930
R	516A	4111	ARM-42 (Arkema)	R 134a (CF_3-CH_2F): 8,5% R 152a (CH_3-CHF_2): 14% R 1234yf (CH_2=CF-CF_3): 77,5%	130,595
R	427C	4112		R 32 (CH2F2): 25% R 125 (CHF2-CF3): 25% R 134a (CF3-CH2F): 40% R 143a (CH3-CF3): 10%	1961,720
R	448B	4113		R 32 (CH2F2): 21% R 125 (CHF2-CF3): 21% R 134a (CF3-CH2F): 31% R 1234yf (CH2=CF-CF3): 20% R 1234ze E (CF3-CH=CHF): 7%	1211,140
R	468B	4114		R 32 (CH2F2): 13% R 1234yf (CH2=CF-CF3): 81% R 1132a (CH2=CF2): 6%	88,880
R	468C	4115		R 32 (CH2F2): 42% R 1234yf (CH2=CF-CF3): 52% R 1132a (CH2=CF2): 6%	284,920
R	472B	4116		R 32 (CH2F2): 10% R 134a (CF3-CH2F): 32% R 744 (CO2): 58%	484,280
R	473A	4117	Klea 473A	R 23 (CHF3): 10% R 125 (CHF2-CF3): 10% R 1132a (CH2=CF2): 20% R 744 (CO2): 60%	1557,800
R	475A	4118		R 134a (CF3-CH2F): 43% R 1234yf (CH2=CF-CF3): 45% R 1234ze (E) (CF3-CH=CHF): 12%	559,570
R	454D	4119		R 32 (CH_2F_2): 43% R 1234yf (CH_2=CF-CF_3): 57%	291,680
R	455B	4120		R 32 (CH_2F_2): 42% R 1234yf (CH_2=CF-CF_3): 52% R 744 (CO_2) : 6%	284,920
R	455C	4121		R 32 (CH_2F_2): 43% R 1234yf (CH_2=CF-CF_3): 54% R 744 (CO_2) : 3%	291,680
R	457C	4122		R 32 (CH_2F_2): 7,5% R 152a (CH_3-CHF_2): 14,5% R 1234yf (CH_2=CF-CF_3): 78%	71,565
R	457D	4123		R 32 (CH_2F_2): 4% R 152a (CH_3-CHF_2): 14% R 1234yf (CH_2=CF-CF_3): 82%	47,220
R	474A	4124	D1V140 (Daikin Chemicals)	R 1132(E) (CHF=CHF): 23% R 1234yf (CH_2=CF-CF_3): 77%	1,000
R	474B	4125		R 1132(E) (CHF=CHF): 31,5% R 1234yf (CH_2=CF-CF_3): 68,5%	1,000
R	475B	4126		R 134a (CF_3-CH_2F): 10,1% R 1234yf (CH_2=CF-CF_3): 35,4% R 1234ze (E) (CF_3-CH=CHF): 54,5%	132,199
R	476A	4127		R 134a (CF_3-CH_2F): 10% R 1234ze (E) (CF_3-CH=CHF): 78% R 1336mzz (E) (CF_3-CH=CH-CF_3): 12%	132,928
R	478A	4128		R 32 (CH_2F_2): 26% R 125 (CHF_2-CF_3): 15% R 134a (CF_3-CH_2F): 15% R 152a (CH_3-CHF_2): 3% R 227ea (CF_3-CHF-CF_3): 4% R 1234ze (E) (CF_3-CH=CHF): 30% R 744 (CO_2): 7%	985,030
R	479A	4129		R 32 (CH_2F_2): 21,5% R 1132 (E) (CHF=CHF): 28% R 1234yf (CH_2=CF-CF_3): 50,5%	146,340
R	480A	4130		R 227ea (CF_3-CHF-CF_3): 9% R 1234ze (E) (CF_3-CH=CHF): 86% R 744 (CO_2): 5%	302,410
R	481A	4131		R 32 (CH_2F_2): 16,9% R 125 (CHF_2-CF_3): 6,3% R 134a (CF_3-CH_2F): 74,4% R 1233zd (CHCl=CH-CF_3 (E)): 1,8% R 601a ((CH_3)$_2$-CH-CH_2-CH_3): 0,6%	1281,371
R	482A	4132		R 134a (CF_3-CH_2F): 10% R 1234ze (E) (CF_3-CH=CHF): 83,5% R 1224yd (Z) (CHCl=CF-CF_3 (Z)): 6,5%	130,054
R	485A	4133		R 32 (CH_2F_2): 21% R 1132a (CH_2=CF_2): 10% R 744 (CO_2): 69%	142,960
R	486A	4134		R 134a (CF_3-CH_2F): 6,3% R 1234yf (CH_2=CF-CF_3): 21,9% R 1234ze (E) (CF_3-CH=CHF): 33,8% R 13I1 (CF_3I): 38%	82,609
R	488A	4135		R 32 (CH_2F_2): 6% R 152a (CH_3-CHF_2): 3% R 1234yf (CH_2=CF-CF_3): 50% R 1234ze (E) (CF_3-CH=CHF): 41%	45,670
R	491A	4136		R 152a (CH_3-CHF_2): 65% R 1132(E) (CHF=CHF): 35%	90,050
			F-IKW		
R	13I1	5001	Trifluoriodmethan	CF_3I	0,4
			H-BKW		
R	40B1	6001	Methylbromid (Brommethan)	CH_3Br	2
	1-Brompropan	6002	1-Brompropan	C_3H_7Br	0,052 [3]
	2-Brompropan	6003	2-Brompropan	C_3H_7Br	0,126 [3]
			H-CKW		
R	1130 (E)	7001	trans-1,2-Dichlorethen	CHCl=CHCl $C_2H_2Cl_2$	1
			FBKW		
R	12B2	8001	Dibromdifluormethan; Halon-1202	CBr_2F_2	231
			H-BCKW		
	Bromchlormethan (Halon 1011)	8501	Bromchlormethan (Chlorbrommethan, CBM, Halon 1011)	CH_2BrCl	1

1) STKZ -Stoffkennziffer

2) GWP-Faktor nach IPCC: Für die Berichterstattung nach Paris Agreement (Quelle: IPCC 5th Assessment Report, Climate Change 2013)

3) GWP-Faktor nach IPCC: Für die Berichterstattung nach Paris Agreement (Quelle: IPCC 6th Assessment Report, Climate Change 2023)