[Table 1A]

			Examples										
			1	2	3	4	5	6	7	8	9	10	11
Components	Inorganic phosphoric acid compound	Na_2HPO_4	-	0.125	-	-	-	-	-	-	-	-	-
		$NaH_2PO_4 \cdot 2H_2O$	0.312	0.15	0.78	0.78	0.78	0.78	0.156	0.156	0.78	0.468	0.78
	Basic isotonic agent	2-Amino-2-hydroxymethyl-1,3-propanediol	0.1	0.05	-	-	0.5	1.0	0.12	0.12	0.3	0.36	0.3
		2-Amino-2-ethyl-1,3-propanediol	-	-	0.65	-	0.5	-	-	-	0.3	-	0.1
		Arginine	-	-	-	1.0	-	-	-	-	-	-	0.2
	Poly(diallyldimethylammonium chloride)	PQ-6（molecular weight of 8500）	-	-	-	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 150000）	0.002	-	-	-	0.0001	-	0.01	-	-	-	-
		PQ-6（molecular weight of 200000）	-	-	-	-	-	-	-	0.01	-	-	-
		PQ-6（molecular weight of 230000）	-	-	-	-	-	-	-	-	0.01	-	-
		PQ-6（molecular weight of 240000）	-	-	0.001	0.001	-	-	-	-	-	0.01	-
		PQ-6（molecular weight of 500000）	-	0.002	-	-	-	0.0001	-	-	-	-	0.01
		PQ-6（molecular weight of 1200000）	-	-	-	-	-	-	-	-	-	-	-
	Isotonic agent	NaCl	0.35	0.45	0.35	0.28	-	0.28	0.63	-	-	0.43	0.17
		PG	0.9	-	0.2		0.25	0.5	-	1.5	0.42	-	-
		D-Mannitol	0.4	-	0.2	0.4	-	-	-	-	-	0.4	1.2
		D-Sorbitol	-	0.85	-	-	-	-	-	-	-	-	-
		Potassium chloride	0.01	-	-	-	-	0.1	-	-	-	-	-
		1,3-Propanediol		-	-	-	0.25	-	-	-	0.4	-	-
	Chelating agent	EDTA・2Na	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.05	0.02	0.02	0.02
		Sodium citrate・$2H_2O$	-	-	-	-	-	-	-	-	-	0.1	-
	Surfactant	TR-704	-	-	-	-	-	-	-	-	-	-	-
		T908	-	-	-	-	-	-	-	-	-	-	-
	Thickening agent	TC-5R	-	-	-	-	-	-	-	-	-	-	-
	pH adjusting agent	1M NaOH	-	-	-	-	-	-	-	-	-	-	0.75
	Disinfectant	PHMB	-	-	-	-	-	-	-	-	-	-	-
	Water	Purified water	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual
	Total		100	100	100	100	100	100	100	100	100	100	100
	[Basic isotonic agent]/[$NaH_2PO_4 \cdot 2H_2O$]		0.32	0.33	0.83	1.28	1.28	1.28	0.77	0.77	0.77	0.77	0.77
Evaluation results	pH		6.55	7.01	8.41	7.91	8.52	8.12	7.17	7.36	7.67	7.37	7.61
	mOsm		309	235	283	233	235	339	230	236	245	245	246
	Disinfecting effect against Acanthamoeba 1（ATCC 50370）	Disinfection time 4hr (Dead amoeba rate;%)	93.8	100	100	100	98.4	98.8	98.6	100	99.4	95.3	100
	Disinfecting effect against Acanthamoeba 2（ATCC 50370）	Disinfection time 4hr (Log reduction)											
	Disinfecting effect against fungi（ATCC 10231）	Disinfection time 4hr (Log reduction)											
		Disinfection time 6hr (Log reduction)											

[Table 1B]

			Examples										
			12	13	14	15	16	17	18	19	20	21	22
Components	Inorganic phosphoric acid compound	Na_2HPO_4	0.125	-	-	-	-	-	-	-	-	-	1.125
		$NaH_2PO_4 \cdot 2H_2O$	0.15	0.78	0.78	0.78	0.156	0.195	0.312	0.312	0.156	0.78	0.195
	Basic isotonic agent	2-Amino-2-hydroxymethyl-1,3-propanediol	0.1	0.6	0.6	0.6	0.12	0.15	0.24	0.24	0.12	0.6	0.01
		2-Amino-2-ethyl-1,3-propanediol	-	-	-	-	-	-	-	-	-	-	-
		Arginine	-	-	-	-	-	-	-	-	-	-	-
	Poly(diallyldimethylammonium chloride)	PQ-6（molecular weight of 8500）	-	-	-	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 150000）	-	-	-	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 200000）	-	-	-	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 230000）	-	-	-	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 240000）	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		PQ-6（molecular weight of 500000）	-	-	-	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 1200000）	-	-	-	-	-	-	-	-	-	-	-
	Isotonic agent	NaCl	0.45	0.20	-	0.17	0.56	0.54	0.49	0.27	0.63	0.28	-
		PG	-	-	0.8	-	-	-	-	0.5	-	-	-
		D-Mannitol	-	-	-	1.2	0.4	0.4	0.4	0.4	-	0.4	0.4
		D-Sorbitol	0.85	0.85	-	-	-	-	-	-	-	-	-
		Potassium chloride	-	-	-	-	-	-	-	-	-	-	-
		1,3-Propanediol	-	-	-	-	-	-	-	-	-	-	-
	Chelating agent	EDTA・2Na	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.02	0.02
		Sodium citrate・$2H_2O$	0.1	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Surfactant	TR-704	0.1	0.1	0.1	-	-	-	-	-	-	-	-
		T908	-	-	-	0.1	0.1	0.1	0.1	0.1	-	0.1	-
	Thickening agent	TC-5R	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	0.1	-
	pH adjusting agent	1M NaOH	-	-	-	-	-	-	-	-	-	1.0	-
	Disinfectant	PHMB	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
	Water	Purified water	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual
	Total		100	100	100	100	100	100	100	100	100	100	100
	[Basic isotonic agent]/[$NaH_2PO_4 \cdot 2H_2O$]		0.67	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.05
Evaluation results	pH		7.41	7.40	7.42	7.46	7.51	7.43	7.47	7.50	7.46	7.85	7.57
	mOsm		248	243	240	240	238	239	239	238	239	250	241
	Disinfecting effect against Acanthamoeba 1（ATCC 50370）	Disinfection time 4hr (Dead amoeba rate;%)											
	Disinfecting effect against Acanthamoeba 2（ATCC 50370）	Disinfection time 4hr (Log reduction)	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.00	2.00
	Disinfecting effect against fungi（ATCC 10231）	Disinfection time 4hr (Log reduction)	0.5	0.7	1.0	1.0	-	0.9	0.9	1.0	1.0	1.1	1.0
		Disinfection time 6hr (Log reduction)	0.9	1.4	1.7	1.9	-	1.4	1.7	1.5	1.5	1.5	1.5

[Table 1C]

			Comparative Examples							
			1	2	3	4	5	6	7	8
Components	Inorganic phosphoric acid compound	Na_2HPO_4	-	-	-	-	0.65	0.65	0.125	-
		$NaH_2PO_4 \cdot 2H_2O$	0.78	0.312	0.156	0.156	0.78	0.78	0.15	0.78
	Basic isotonic agent	2-Amino-2-hydroxymethyl-1,3-propanediol	0.3	0.24	0.35	0.35	0.005	0.005	0.1	0.6
		2-Amino-2-ethyl-1,3-propanediol	0.3	-	-	-	-	-	-	-
		Arginine	-	-	-	-	-	-	-	-
	Poly(diallyldimethylammonium chloride)	PQ-6（molecular weight of 8500）	0.01	-	-	-	-	-	-	0.0005
		PQ-6（molecular weight of 150000）	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 200000）	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 230000）	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 240000）	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 500000）	-	-	-	-	-	-	-	-
		PQ-6（molecular weight of 1200000）	-	-	0.0001	0.001	0.0001	0.001	-	-
	Isotonic agent	NaCl	-	0.49	0.7	0.7	0.25	0.25	0.45	0.37
		PG	0.2	-	-	-	-	-	-	-
		D-Mannitol	-	0.4	-	-			-	-
		D-Sorbitol	0.85	-	-	-	-	-	0.85	-
		Potassium chloride	-	-	-	-	-	-	-	-
		1,3-Propanediol	-	-	-	-	-	-	-	-
	Chelating agent	EDTA・2Na	0.02	0.02	0.1	0.1	0.02	0.02	0.02	0.02
		Sodium citrate・$2H_2O$	-	-	-	-	-	-	0.1	-
	Surfactant	TR-704	-	-	-	-	-	-	0.1	-
		T908	-	-	-	-	-	-	-	0.1
	Thickening agent	TC-5R	-	-	-	-	-	-	0.1	0.1
	pH adjusting agent	1M NaOH	-	-	-	-	3.5	3.5	-	-
	Disinfectant	PHMB	-	0.001	-	-	-	-	0.0001	-
	Water	Purified water	Residual	Residual	Residual	Residual	Residual	Residual	Residual	Residual
	Total		100	100	100	100	100	100	100	100
	[Basic isotonic agent]/[$NaH_2PO_4 \cdot 2H_2O$]		0.77	0.77	2.24	2.24	0.01	0.01	0.67	0.77
Evaluation results	pH		7.67	7.33	8.39	8.38	7.38	7.38	7.41	-
	mOsm		206	230	273	273	299	298	248	236
	Disinfecting effect against Acanthamoeba 1（ATCC 50370）	Disinfection time 4hr (Dead amoeba rate;%)	50.5	10.3	5.6	4.8	29.0	66.4		
	Disinfecting effect against Acanthamoeba 2（ATCC 50370）	Disinfection time 4hr (Log reduction)							0.25	0.25
	Disinfecting effect against fungi（ATCC 10231）	Disinfection time 4hr (Log reduction)							1.0	0.1
		Disinfection time 6hr (Log reduction)							1.5	0.2

[Industrial applicability]

[0100]

The anti-Acanthamoeba liquid formulation according to one embodiment of the present invention has high safety for ocular tissue, applicability to a wide range of contact lenses, and an excellent disinfecting effect against Acanthamoeba, so that the liquid formulation can be used as a contact lens care liquid formulation such as MPS to reduce or prevent the risk of contact lens wearers being affected by keratitis caused by Acanthamoeba, thereby