

Aloe Vera Rescue Spray

CAS	INCI-Name	NOAEL (oral, rat) [mg/kg/d]	acute toxicity (oral, dermal, inhalativ)	Irritation	Sensitisation	Photo- toxicity	CMR	Other
7732-18-5	Aqua		not acutely toxic;	Eye: not irritating; Skin: not irritating; Respiratory tract: not irritating;	not sensitising (Skin contact); not sensitising (Inhalation);	not phototoxic	no effects (Cancerogen.); no effects (Mutagen.); no effects (Repro-Tox.);	
85507-69-3	Aloe Barbadosis Leaf Juice		not acutely toxic;			not phototoxic	no indications (Mutagen.);	Ethanol Extract: at 100 mg/kg (oral, mouse, 3 months) reproductive toxic effects occurred.
64-17-5	Alcohol	2400	LD50 (orl, rat): 7060 mg/kg bw; LDlo (drm, rbt): 20000 mg/kg bw; LC50 (ihl, rat, 10 h): 20000 ppm;	Eye: weakly irritating; Skin: not irritating;	not sensitising (Skin contact);	no indications	effects were observed in high doses (Cancerogen.); not genotoxic according to general findings (Mutagen.); effects were observed in high doses (Repro- Tox.);	
56-81-5	Glycerin	2200	LD50 (orl, rat): > 10000 mg/kg bw; LD50 (drm, rat): > 21900 mg/kg bw;	Eye: not irritating; Skin: not irritating;	not sensitising (Skin contact); not sensitising (Inhalation);	no indications	no effects (Cancerogen.); no effects (Mutagen.); no effects (Repro-Tox.);	Glycerin is generally approved without maximum limit for food (quantum satis); NOAEL: inhalative: 0,167 mg/l; NOAEL orl hmn: >=2200

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1/5

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34406-66-1	Polyglyceryl-10 Laurate		not acutely toxic;	Eye: 50% aq: weakly irritating; Skin: 50% aq: not irritating;	not sensitising (Skin contact);		no indications (Mutagen.);	
5949-29-1	Citric Acid	1200	LD50 (oral, mouse): 5790 mg/kg BW;	Eye: irritating;				
68187-30-4	Disodium Cocoyl Glutamate			Eye: irritating;	not sensitising (Skin contact);	no indications	not mutagen (Mutagen.);	
72-17-3	Sodium Lactate		LD0 (orl, rat): 5000 mg/kg (60% Aq. Sodium Lactate); LD50 (drm, rabbit): > 2000 mg/kg (Lactic Acid);	Eye: Irritation possible (Lactic Acid); Skin: Irritation possible (Lactic Acid);	not sensitising (Lactic acid) (Skin contact);		no effects (Lactic acid) (Cancerogen.); Ames-Test negativ (Mutagen.);	ADI (WHO, 1974): no limit. The CIR Expert Panel concludes that Lactic Acid + common salts are safe for use in cosmetic products at concentrations < 10%, at final formulation pH > 3,5 when formulated to avoid increasing sun sensitivity
84961-57-9	Punica Granatum Extract		LD50 (ipr., mouse): 731 mg/kg BW;				single effects have been observed (Mutagen.);	
9050-36-6	Maltodextrin		LD50 (orl, rat): > 5000 mg/kg bw (expected);	Eye: irritating; Skin: irritating;	no indications (Skin contact);		no indications (Mutagen.);	Used as placebo in clinical trials.
68187-32-6	Sodium Cocoyl Glutamate		LD50 (oral, rat): > 2000 mg/kg BW;	Eye: irritating; Skin: not irritating;	not sensitising (Skin contact);		no indications (Mutagen.);	
91722-41-7	Tripleurospermum Maritimum Extract			Skin: no indications of Irritation;	no indications auf Sensitisation (Skin contact);			Odourless Camomile. Few essential oils.
1310-73-2	Sodium Hydroxide		LD50 (drm, rabbit): 1350 mg/kg bw;	Eye: corrosive; Skin: corrosive;				

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84012-38-4	Ruscus Aculeatus Extract		TDlo (intraperitoneal, Guinea pigs, alcohol extract): 2000 mg/kg; TDlo (intravenous, dogs): 830 mg/kg; no indications;	Eye: no indications ;			no indications (Cancerogen.); no indications (Mutagen.); no indications (Repro-Tox.);	Medicinal plant for the treatment of venous insufficiency and feeling of heaviness in the legs. Large-scale clinical trials were conducted (e.g. up to 75 mg dry extract capsules).
96702-03-3	Ectoin		LD50 (orl, rat): > 2000 mg/kg bw; LD50 (drm, rat): > 2000 mg/kg bw;	Eye: not irritating; Skin: not irritating;	not sensitising (Guinea pig) (Skin contact);		no indications (Mutagen.);	BfR: Do not use in sunscreen products. Delays/ inhibits a redness of the skin. False impression of a better UV protection.
84082-70-2	Mentha Piperita Extract		LD50 (oral, rat): 4441 mg/kg BW;	Skin: undiluted: irritating;	Sensitisation possible (Skin contact);	not phototoxic	no indications (Mutagen.);	Main component Menthol (ADI: 0 - 4 mg/kg BW (FAO/WHO, 1999))
84929-55-5	Viscum Album Leaf Extract				no indications (Skin contact);		no indications (Mutagen.);	
91770-88-6	Vaccinium Macrocarpon Extract		not acutely toxic;	Skin: no indications;			no indications (Cancerogen.);	
84082-61-1	Melissa Officinalis Extract			Skin: no indications;				
84775-57-5	Spiraea Ulmaria Extract			Skin: raw material Sebonormine (Silab): not irritating;	raw material Sebonormine: not sensitising (Skin contact);			
84012-18-0	Centaurea Cyanus Flower Extract			Eye: no indications; Skin: no indications;	weakly sensitising (Skin contact);			

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84696-19-5	Hamamelis Virginia Extract			Skin: no indications;			Ames Test: negativ (Mutagen.);	
24634-61-5	Potassium Sorbate	340	LD50 (orl, rat): 3200 mg/kg bw;	Eye: 10%: weakly irritating; Skin: not irritating;	0,5%: not sensitising (Skin contact);		CYT (Hamster fibroblast): 4000 mg/L (Mutagen.); no indications (Repro-Tox.);	NOAEL (Maternal, Teratogen, rat): > 340 mg/kg bw/day
532-32-1	Sodium Benzoate		LD50 (orl, rat): 4070 mg/kg bw; LD50 (orl, rabbit): 2000 mg/kg bw; LD50 (orl, mouse): 1600 mg/kg bw;	Eye: weakly irritating (OECD405); Skin: not irritating;	not sensitising (Skin contact);	no effects	no effects (orl, rat, 2%, 2 years) (Cancerogen.); not mutagen (Mutagen.); not completely excluded (Repro-Tox.);	ADI (WHO): 5 mg/kg BW
110-44-1	Sorbic Acid	2500	LD50 (orl, rat): 7360 mg/kg bw; LD50 (drm, rabbit): > 1000 mg/kg bw;	Eye: irritating; Skin: irritating; Respiratory tract: irritating;	sensitising (Skin contact);	0,01%: not photosensitising	no indications (Cancerogen.); no indications (Mutagen.); no indications (Repro-Tox.);	ADI: 25 mg/kg bw; NOEL (rat): 2500 mg/kg bw/day
118-58-1	(P) Benzyl Salicylate	30	LD50 (orl, rat): 2227 mg/kg bw; LD50 (drm, rabbit): 14150 mg/kg bw;	Eye: irritating; Skin: weakly irritating;	NOEL (Human maximization test): 20690 µg/cm ² (Skin contact);		AMES-Test: negativ (Mutagen.); no indications (Repro-Tox.);	

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5392-40-5	(P) Citral	125	LD50 (orl, rat): ca. 4950 mg/kg bw; LD50 (drm, rabbit): 2250 mg/kg bw;	Eye: not irritating; Skin: irritating;	sensitising; NOEL (HRIPT): 1400 µg/cm ² (Skin contact);		no indications (Mutagen.);	ADI (JECFA, 1998): 0 - 0,5 mg/kg bw; NOAEL (orl, rat): 200 mg/kg bw/day; NOAEL (orl, malternalt., rat): 125 mg/kg bw/day; NOAEL (inhal, teratogen., rat): 77 mg/kg bw/day
106-24-1	(P) Geraniol	500	LD50 (orl, rat): 3600 mg/kg bw; LD50 (drm, rabbit): > 5000 mg/kg bw;	Eye: strongly irritating; Skin: irritating;	sensitising (Guinea Pig, Rabbit) (Skin contact);		Ames Test: negativ (Mutagen.);	NOEL (oral, rat, 16 weeks): 500 mg/kg/day (highest tested dose). Eye Irritation: Irreversible symptoms of two of the four animals were reported (21d)
78-70-6	(P) Linalool	117	LD50 (orl, rat): 2790 mg/kg bw; LD50 (drm, rabbit): 5610 mg/kg bw;	Eye: not irritating; Skin: 100%: irritating; 20% in Petrolatum: not irritating;	NOEL (Human maximization test): 13793 µg/cm ² (Skin contact);		no indications (Mutagen.);	weakly sensitising; NOEL (Teratogen., orl, rat): 117 mg/kg; NOEL (Teratogen, drm, rat): 250 mg/kg bw; NOAEL (reproductive): 365 mg/kg bw/day

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