

MinaSolve CapEasy

I- GENERAL INFORMATION

Trade name: MinaSolve CapEasy
INCI name: Water (and) Capryloyl Glycine (and) Sodium Bicarbonate
Minasolve code: PFS0033
Functions: Antimicrobial, anti-dandruff, anti-acne, cleansing agent

Supplier: Minasolve S.A.S
 145, Chemin des Lilas
 59310 Beuvry-la-Forêt, France
 Tel. +33 3 20 64 3001

II- REGULATORY INFORMATION

1- Compliance with cosmetic regulation

	Capryloyl Glycine	Sodium Bicarbonate
EUROPE (European Cosmetic Regulation (EC) No 1223/2009)	Approved	Approved
U.S.A. (FD&C Act— 21 CFR 700 to 740)	Approved	Approved
CANADA (Food and Drugs Act and Cosmetic Regulations)	Approved	Approved
AUSTRALIA (Notification & Assessment Act 1989, as amended—TGA)	Approved	Approved
JAPAN (Pharmaceutical Affairs Law - regulations for cosmetics)	Approved	Approved
KOREA (Cosmetics Law - Korea Food & Drug Administration KFDA)	Approved	Approved
CHINA (IECIC 2015)	Approved	Approved

2- Chemical inventory status

	EU (EINECS)	USA (TSCA)	CANADA (DSL/NDSL/R-ICL)	AUSTRALIA (AICS)	CHINA (IECSC)	JAPAN (ENCS)	KOREA (KECI/ECL)	NEW ZEALAND (NZIoC)
Capryloyl Glycine	Listed	Listed	NDSL + R-ICL	Listed	Listed	Not listed	Not listed	Listed
Sodium Bicarbonate	Listed	Listed	DSL	Listed	Listed	Listed	Listed	Listed

3- Natural certification status

Ingredient ECOCERT certified: YES NO
 Ingredient COSMOS approved: YES NO
 Ingredient compliant with Natrue: YES NO
 USDA certified bio-based product: YES NO

III- PRODUCT COMPOSITION

Substance	%	INCI name	CAS n°	EC n°
1	50-70	Water	7732-18-5	231-791-2
2	20-40	Capryloyl Glycine	14246-53-8	238-122-3
3	5-15	Sodium Bicarbonate	144-55-8	205-633-8

The above information is accurate to the best of our knowledge. Customers are advised to make their own studies on the usefulness of any ingredient for a particular application. Recommended usage information is only provided as indication, and should not be considered as recommendations to use Minasolve SAS's products in violation of any laws, patents, or official regulations dealing with manufacture, composition, local procedures, product design, or end usage.

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IV- TOXICOLOGICAL DATA

1- Toxicological data

TESTS	Capryloyl Glycine	Sodium Bicarbonate
Acute Toxicity	Oral LD₅₀ > 10000 mg/kg (rat) Dermal LD₅₀ > 2000 mg/kg (rat)	Oral: LD ₅₀ > 4000 mg/kg bw Inhalation: study in rats using a concentration of 4.74 mg/L inhalable dust produced no deaths
Skin penetration	No data available	No data available
Irritation eye/skin	OECD 404 (rabbit - acute dermal irritation): Non-irritant to skin OECD 405 (rabbit - acute eye irritation): Irritant for the eye	Eye: Mildly irritating (rabbits) Skin: Slightly irritating (rabbits)
Skin sensitization	OECD 442B (guinea pigs - Skin sensitisation): Non-sensitising Human sensitisation (5% notified chemical): No evidence of sensitisation Human, skin sensitisation (1.6% notified chemical): Inadequate evidence of sensitisation	No data available
Skin compatibility	HRIPT: negative (tested material: undiluted MinaSolve CapEasy) Repeated applications of MinaSolve CapEasy under occlusive patch (9 consecutive applications within 30 days, Finn Chamber, 20 µl per patch) on a panel of 55 subjects – 6 of which with sensitive skin – induced no irritative and no allergic skin reaction. In conclusion, MinaSolve CapEasy showed a very good skin compatibility.	
Mutagenicity	AMES test: Negative	AMES test: Negative Chromosomal aberration test : Negative
Repeated dose toxicity	OECD 422 (rat – oral): NOAEL = 200 mg/kg bw/day	No data available
Reproductive toxicity	The NOEL for reproductive performance and toxic effects is 200 mg/kg bw/day	no developmental effects observed upon oral application at 580 mg/kg bw (mice), 340 mg/kg bw (rats) and 330 mg/kg bw (rabbits).

2- Ecotoxicological data

TESTS	Capryloyl Glycine	Sodium Bicarbonate
Bioaccumulative potential	Log Pow =1.24 at 20°C => Accumulation in organisms is not expected	Log Pow is not relevant for an inorganic substance which dissociates
Solubility in water	MinaSolve CapEasy is miscible with water	
Acute aquatic ecotoxicity	OECD 203 (Zebra Fish, 96 hours) LC ₅₀ > 100 mg/L OECD 202 (Daphnia magna, 48 hours) LC ₅₀ > 100 mg/L	Bluegill sunfish (Lepomis Macrochirus, 96 hours): LC ₅₀ = 7100 mg/L Daphnia magna (48 hours): EC ₅₀ > 1000 mg/L
Biodegradation	Readily biodegradable	Not applicable (inorganic compound)
Volatization from water	The Henry's Law Constant is predicted to be 2.92 × 10 ⁻¹⁰ based on the vapour pressure/water solubility ratio => Removal from water bodies through volatilisation is only expected to be very slight. (Predicted by software)	No data available
Mobility in soil	OECD 121 (adsorption coefficient (Koc) on soil and on sewage sludge): Log Koc < 1.25	No data available

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