

Azamide

Vevey codex 15.3711

SAFE AMIDE OF AZELAIC ACID

AZAMIDE Vevey codex 15.3711

AZAMIDE



vevy europe

FINE CHEMICALS

Fine ingredients.

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INCI Name

Azelamide MEA

AZAMIDE

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USE

Dermopharmaceutical
and cosmetic treatments.

O/W and W/O emulsions;
Lotions;
Ointments.

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PECULIARITIES

ACNE TREATMENT

- Acne treatment, including comedogenetic acne by drugs, cosmetics;
- Sebum-balancer for greasy skin, seborrhoeic skin, melanic spots;
- Specific antimicrobial for acne bacteria.

HAIR TREATMENT

- Support to trichostimulant products (reduction of hair in the telogen phase, increase of hair in the anagen phase).

PIGMENTATION MODULATOR

- Acne rosacea treatment (erythematous and papula-pustulous rosacea);
- Lightening action;
- Chloasma gravidarum;
- Peeling treatments (uniforms pigmentation).

USE LEVELS

Acne: 1%-5%

- Normalized follicular hyperkeratinization;
- Inhibition of 5- α -reductase → reduced production of Dihydrotestosterone (DHT), responsible of sebum production;
- Action on *Corynebacterium*, *Propionibacterium acnes* and *Staphylococcus epidermidis*.

Hair loss: 1%-5%

- Inhibition of 5- α -reductase (type 1) → stimulation of adenylate cyclase;
- Use also in association with pyridoxine and zinc.

Hyperpigmentation: 5%-10%

- Inhibition of tyrosinase → effective treatment of several hyperpigmentation disorders.

SOLUBILITY

Solvent	25°C	40°-60°C	%	Appearance
Demineralized water	OK	/	1%-10%	Clear
Alcohol 95° 50%	OK	/	1%-10%	Clear
Propylene Glycol DCG	No	>60	1%-10%	Clear
Butylene Glycol DCG	No	>60	1% - 5%	Clear
Nidaba-S	No	>60	1% - 5%	Insoluble even at 1%
Tensoil-N	No	>60	1% - 3%	Insoluble even at 1%
Nidaba-3	No	>60	1% - 3%	Insoluble even at 1%
Sol. H ₂ O/PEG4000 95/5	OK	/	1%-10%	Clear
Afron-22	No	40	1%-10%	Clear

PECULIARITIES

Azamide has the same properties of azelaic acid without any drawbacks and side effects.

Azamide is 100% Azelamide MEA.

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PECULIARITIES

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Not itching;
Not irritating;
No redness;
No dryness.

A SAFE PRODUCT



The DCG® trademark (Dermo Cosmetic Grade) identifies the highly specialized products of Vevy Europe Fine Chemical division and certifies that each product is:

- Designed and developed for cutaneous application;
- Tested according to rigorous toxicological, cryptotoxicological, enzyme-kinetic and dermatological activity protocols, and consequently, does not interfere with the biochemistry of the cutaneous apparatus;
- Up-dated on the basis of scientific progress;
- Compliant with national and international regulations.

These premises lead to the development of projects and products, regardless of their source, that are characterized by:

- Safety (absence of harmful effects);
- Effectiveness (compliance with the promised and expected requirements);
- Stability (persistence of the stated characteristics);

Each ingredient is presented in a wrapping of specialized services, which range from its scientific and technical documentation to the specific and qualified support for its proper use.

A SAFE PRODUCT

NAME	CAS	VALUE	METHOD
dipropylamine	142-84-7	< 1 ppm	Internal Method
diisopropylamine	108-18-9	< 1 ppm	Internal Method
dibutylamine	111-92-2	< 1 ppm	Internal Method
diisobutylamine	110-96-3	< 1 ppm	Internal Method
dihexylamine	143-16-8	< 1 ppm	Internal Method
dibenzylamine	103-49-1	< 1 ppm	Internal Method
dicyclohexylamine	101-83-7	< 1 ppm	Internal Method
didodecylamine	3007-31-6	< 1 ppm	Internal Method
dimethylamine	124-40-3	< 1 ppm	Internal Method
2-methylaminoethanol	109-83-1	< 1 ppm	Internal Method
Nitrousdiethylamine	55-18-5	< 1 ppm	Internal Method
Nitrousdimethylamine	62-75-9	< 1 ppm	Internal Method
N-nitrous di-n-butylamine	924-16-3	< 1 ppm	Internal Method
N-nitrous di-n-propylamine	621-64-7	< 1 ppm	Internal Method
N-nitrousmethylethylamine	10595-95-6	< 1 ppm	Internal Method
1-nitrouspiperidine	100-75-4	< 1 ppm	Internal Method
1-nitrouspyrrolidine	930-55-2	< 1 ppm	Internal Method



REGISTRATIONS

Trade Name AZAMIDE

Sole Manufacturer Vevy Europe

Available on the market Since 1993

CAS No 91672-03-6

EINECS No 294-007-8

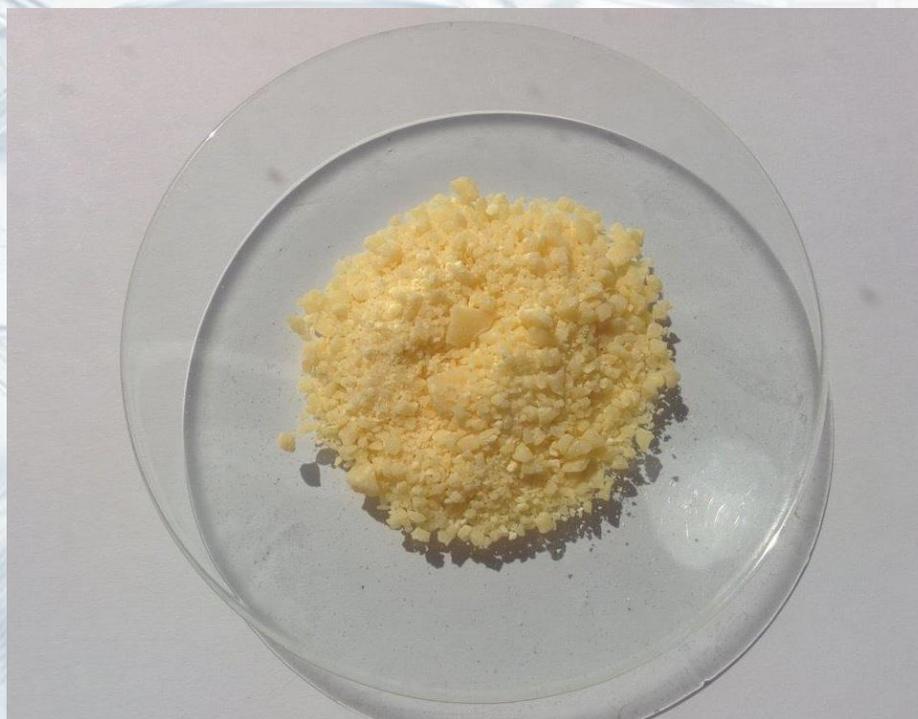
REACH Position In compliance

APPEARANCE

Appearance Solid, drops

Colour Ivory – Light brown

Odour Light characteristic



ANALYTICAL DATA

Iodine value: 0.00 – 5.00

[Method: Wijs – NGD C32 – 1976]

Alkalinity value: 0.00 – 20.00

[Internal validated method: bromophenol blue]

Melting range: 115°C – 125°C

[Method: Instr. Melting Point, B.S. Stuart SMP3]

pH 9 – 11

[H₂O 10%, 20°C]

FORMULAS

ACNE TREATMENT EMULSION (Vevy codex 59.5243)

<i>Phase</i>	<i>Code</i>	<i>Trade Name</i>	<i>%</i>
A01	02.4590	Xalifin-15 N-P	12,50
A02	18.3726	Salycuminol	1,30
A03	03.2781	Trioxene-LV	2,00
A04	13.0774	Braxicina	2,00
A05	03.0373	Isostearene	3,70
A06	03.4608	TDS (Tridecyl Salicilate 99%)	2,00
A07	10.5010	Undebenzofene-C P-F	1,30
B08	26.2043	Demineralized Water	60,20
B09	02.0266	Xalidrene	3,00
B10	13.4566	ACS-AntiCytoStressor	3,00
B11	18.5085	Dermonectin P-F	2,00
B12	15.3711	Azamide	5,00
B13	17.5000	Hyaluramine-S	1,50
B14	04.1509	Liporamnosan	0,50
		Total	100,00

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