

Material Safety Data Sheet

Omega-CH-Activator®

according to EC Directive 1907/2006 (REACH)

Section 1 - Identification of Substance

Product/Chemical Name: Omega-CH-Activator®
mixture of water soluble radical scavengers and Soybean peptide

Application of the substance / the preparation: Chemicals for various cosmetic applications

Supplier: **GfN, Herstellung von Naturextrakten GmbH**
Straßburg 16
69483 Wald-Michelbach / Germany
info@gfn-selco.de Tel. +49 6207 922 80
www.gfn-selco.de Fax +49 6207 922 810

Producer: BioMedical Research Gerhard Quelle e.K., located in Germany

Section 2 - Hazards Identification

Emergency overview: No important critical hazards to man and the environment.

Classification of the substance: Not classified according to the Regulation (EC) No. 1272/2008.

Label Elements: Not relevant.

Other hazards: None.

Not identified as PBT or vPvB according to the Annex XIII of the Regulation (EC) No. 1907/2006 as amended.

Section 3 - Composition / Data on components

Ingredients: No hazardous ingredients

Name	Adopted Names	CAS-No.	EINECS No.
Omega-CH-Activator	Aqua	7732-18-5	231-791-2
	Panthenol	81-13-0	201-327-3
	Glycerin	56-81-5	200-289-5
	Glycine	56-40-6	200-272-2
	Sorbitol	50-70-4	200-061-5
	Hydrolyzed Soy Protein	68607-88-5	271-770-5
	Bis(Tripeptide-1) Copper Acetate	130120-57-9	open

INCI-Name: Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate

Section 4 - First Aid Measures

Ingestion: call a doctor in case of sickness

Inhalation: transport the patient to fresh air, seek medical advice

Eyes: in case of contact immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if necessary

Skin: after contact with skin wash with water and soap

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Section 5 - Fire-Fighting Measures

Suitable extinguishing media:	water spray, water foam, carbon dioxide, dry chemicals
Extinguishing media to avoid:	none
Fire / Explosion hazards:	none known
Special exposure hazards:	when heated to decomposition it may emit toxic and irritating fumes
Special protective equipment:	none

Section 6 - Accidental Release Measures

Personal precautions:	avoid skin/eyes contact and provide sufficient ventilation and perfect respiratory protection
Environmental precautions:	none
Cleaning and wastes disposal procedure:	after spillage wash with copious quantities of warm solution directly to drain

Section 7 - Handling and Storage

Precautionary measures:	Do not get in eyes. Wash thoroughly after handling. Use in well ventilated areas. Keep this product away heat, strong sunlight and flame. Temperature between 5 and 25°C is fine.
Storage condition:	Keep the product away from direct sunlight. The color may be changing a little bit.

Section 8 - Exposure Controls / Personal Protection

Local ventilation:	acceptable
Respiratory protection:	none
Eye protection:	safety glasses or goggles
Skin protection:	wear lab smock
personal hygiene:	wash thoroughly after handling

Section 9 - Physical and Chemical Properties

Appearance:	solution
Color:	clear, slight yellow
Odor:	typical smell
pH:	6,0 – 7,0
Density:	1,08 – 1,15 g / ml
Flash point:	data not available
Flammability (solid gas):	data not available
Autoflammability:	none
Explosive properties:	none
Oxidizing properties:	none
Solubility:	soluble in water, insoluble in lipophilic substances
Viscosity:	data not available

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Section 10 - Stability and Reactivity

Conditions to avoid: UV / ionizing radiation, temperatures > 60°C
Hazardous decomposition prod.: none
Materials to avoid: none

Section 11 - Toxicological Information

Preliminary product Omega-CHS-Activator (a similar composition compared to Omega-CH-Activator[®]) was tested on (marked with*) on following toxicological aspects.

Our Toxicology data were overtaken from Omega-CHS-Activator:

Oral toxicity*: > 10.000 mg / kg body weight (rat)
Primary irritant effect (eyes)*: no irritations were seen in Draize (rabbit) OECD Guidelines No.405
Primary irritant effect (skin)*: no irritations were seen in Draize (rabbit) OECD Guidelines No.404
Genotoxicity: mutagenicity (AMES test), the product shows no negative results in Salmonella Typhimurium Reverse Mutation Assay
Comedogenicity: no data available
Sensitization*: no irritations seen in a sensitization test according Magnusson and Kligman
Photo-allergic and photo-toxicity: UVA exposed photo patch test shows no photo-allergic or photo-toxic effects
Further toxicological information: no toxicological side effects have been seen during the use of the product on humans during the last 10 years.

The data available to us do not suffice to permit any industrial-toxicological assessment.
 Our own experience has provided no indication of any hazardous potential.

Section 12 - Ecological Information

Ecotoxicity: No negative harmful effects on the environment.
 Fully biodegradable.
Water endanger class: 1 (self assessment with KBwS), no water pollutant
Degradability: completely biodegradable
Fish-toxicity: no data available

Section 13 - Disposal Consideration

Disposal method: Disposal should be made in accordance with federal, state and local regulation.

Section 14 - Transport Information

Transport information: This product is not hazardous and not restricted.

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Section 15 - Regulatory Information

Regulatory information:	This product is not classified as a dangerous chemical.
Safety, health and environmental Regulations/legislation specific for the substance:	Regulation (EC) No. 1907/2006 (REACH) Regulation (EC) No. 1272/2008 (CLP/EU-GHS) Directive 76/768/EHS (Cosmetic Directive)
Chemical safety assessment:	Not classified as hazardous substance or mixture according to CLP/EU-GHS.

Section 16 - Other Information

Other information:	No special training advises recommended uses and restrictions.
Person issuing MSDS:	Mrs. Michèle Lindner phone: +49 6207 922 826 eMail: info@gfn-selco.de

List of acronyms:

EINECS:	European inventory of existing commercial chemical substance
IARC:	International agency for research on cancer
N/A:	Not applicable
NTP:	National toxicology program
OSHA:	Occupational safety and health administration
SARA:	Super fund amendment reauthorization act
TSCA:	Toxic substances control act
DOT:	Department of transport

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