

# Material Safety Data Sheet

## Omega-CTP-Active PHE

according to EC Directive 1907/2006 (REACH)

### Section 1 - Identification of Substance

**Product/Chemical Name:** Omega-CTP-Active PHE  
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

### Section 2 - Hazards Identification

**Emergency overview:** no 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:** please see Section 1. No hazardous ingredients

Name	Adopted Names	CAS-No.	EINECS No.
Omega-CTP-Active PHE	Aqua	7732-18-5	231-791-2
	Glycerin	56-81-5	200-289-5
	Arginine	74-79-3	200-811-1
	Panthenol	81-13-0	201-327-3
	Proline	147-85-3	205-702-2
	Sorbitol	50-70-4	200-061-5
	Glycine	56-40-6	200-272-2
	Hydrolyzed Soy Protein	68607-88-5	271-770-5
	Copper Tripeptide-1	130120-57-9	open

**INCI-Name:** Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Copper Tripeptide-1

**Preservative:** Phenoxyethanol CAS-No.: 122-99-6, EINECS No.: 204-589-7

### 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

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

### Section 6 - Accidental Release Measures

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

### Section 7 - Handling and Storage

<b>Precautionary measures:</b>	Do not get in eyes. Wash thoroughly after handling. Use in well ventilated areas. Keep this product away from heat, strong sunlight and flame. Store in dark at 10°C – 20°C.
<b>Storage condition:</b>	Keep the product away from direct sunlight. The color may be changing a little bit.

### Section 8 - Exposure Controls / Personal Protection

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

### Section 9 - Physical and Chemical Properties

<b>Appearance:</b>	solution
<b>Color:</b>	clear, slight yellow
<b>Odor:</b>	typical smell
<b>pH:</b>	5,5 – 7,0
<b>Density:</b>	1,08 – 1,24 g / ml
<b>Flash point:</b>	data not available
<b>Flammability (solid gas):</b>	data not available
<b>Auto flammability:</b>	none
<b>Explosive properties:</b>	none
<b>Oxidizing properties:</b>	none
<b>Solubility:</b>	soluble in water, insoluble in lipophilic substances
<b>Viscosity:</b>	data not available

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### Section 10 - Stability and Reactivity

<b>Conditions to avoid:</b>	UV / ionizing radiation, temperatures > 60°C
<b>Hazardous decomposition prod.:</b>	none
<b>Materials to avoid:</b>	none
<b>Stabilizer:</b>	none
<b>Preservative:</b>	1 % Phenoxyethanol

### Section 11 - Toxicological Information

Preliminary product Omega-CHS-Activator (a similar composition compared to Omega-CTP-Active PHE) was tested on (marked with\*) on following toxicological aspects.

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

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

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

### Section 13 - Disposal Consideration

<b>Disposal method:</b>	Disposal should be made in accordance with federal, state and local regulation.
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### Section 14 - Transport Information

<b>Transport information:</b>	This product is not hazardous and not restricted.
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### Section 15 - Regulatory Information

**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 the CLP/EU-GHS.

### Section 16 - Other Information

**Other information:**

No special training advises recommended uses and restrictions.

**Person issuing MSDS:**

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eMail: info@gfn-selco.de

**List of acronyms:**

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

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