

**CROTEIN™ CASHMERE PE-LQ-(WD)**

Version 1.0

Revision Date 08/26/2014

Print Date 11/29/2014

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : CROTEIN™ CASHMERE PE-LQ-(WD)  
Product code : PR08801  
Chemical Name : Aqueous solution of hydrolysed cashmere keratin protein

**Manufacturer or supplier's details**

Company : Croda Inc  
Address : 300 A Columbus Circle  
Edison, NJ 08837-3907  
Telephone : (732) 417-0800  
Telefax : (732) 417-0804

Emergency telephone : USA: 24 Hour Emergency Response Information CHEMTREC  
toll free: 1-800-424-9300; direct/international: 1-703-527-3887.  
CANADA: Quantum Murray (spill response)1-877-378-7745.  
CANADA: CANUTEC(collect) 1-613-996-6666. EUROPE: 00  
32 3575 5555. ASIA PACIFIC - excl. China: +65 6542-9595.  
CHINA: +86 21 2315 9344. AUSTRALIA: +61 2 9616 5890.  
SOUTH AFRICA: +32 3 575 55 55. LATAM: 0800 720 8000.  
1-613-996-6666. INDIA: +91 22 30948467/8. JAPAN: +65  
6542 9595 (24時間 日本語対応無料通話, シンガポール)

**Recommended use of the chemical and restrictions on use**

Recommended use : Cosmetic additive  
Prepared by : Product Safety and Regulatory Affairs Department  
(732) 417-0800

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS Label element**

Not a hazardous substance or mixture.

**Other hazards which do not result in classification**

May irritate skin.  
May irritate eyes.  
May cause irritation of the mucous membranes.  
May cause irritation of respiratory tract.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture :

**Hazardous ingredients**

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**SECTION 4. FIRST AID MEASURES**

- If inhaled : If breathed in, move person into fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
If eye irritation persists, consult a specialist.
- If swallowed : If large quantities of this material are swallowed, call a physician immediately.

**SECTION 5. FIRE-FIGHTING MEASURES****Flammable properties**

- Flash point : no data available
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.  
Do not allow run-off from fire fighting to enter drains or water courses.  
In case of fire hazardous decomposition products may be produced such as:  
Carbon oxides  
nitrogen oxides (NOx)
- Specific extinguishing methods : Standard procedure for chemical fires.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material.  
Shovel into suitable container for disposal.  
Clean contaminated surface thoroughly.

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**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
- Conditions for safe storage : Store in original container.  
Keep container tightly closed in a dry and well-ventilated place.
- Materials to avoid : No special restrictions on storage with other products.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection  
Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : impervious clothing
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Color : yellow, amber
- Odor : no data available
- Odor Threshold : no data available
- pH : no data available
- Melting point : no data available
- Boiling point : no data available
- Flash point : no data available
- Vapor pressure : no data available
- Density : no data available
- Solubility(ies)

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Water solubility : completely soluble  
Partition coefficient: n-octanol/water : no data available  
Thermal decomposition : no data available

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**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.  
Conditions to avoid : None known.  
Incompatible materials : Strong oxidizing agents  
Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:  
Carbon oxides

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

no data available

**Skin corrosion/irritation****Product:**

Species: rabbit  
Result: No skin irritation  
Classification: No skin irritation  
Method: Draize Test  
Remarks: No skin irritation

**Serious eye damage/eye irritation****Product:**

Species: rabbit  
Result: No eye irritation  
Classification: No eye irritation  
Method: Draize Test  
Remarks: No eye irritation

**Respiratory or skin sensitization****Product:**

Remarks: no data available

**Germ cell mutagenicity**

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no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT-single exposure**

no data available

**STOT-repeated exposure**

no data available

**Aspiration toxicity**

no data available

**Further information****Product:**

Remarks: no data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to daphnia and other aquatic invertebrates : Remarks: no data available

## Further information

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 1 %

**Persistence and degradability****Product:**Biodegradability : Method: OECD Test Guideline 301E  
Remarks: Readily biodegradable**Bioaccumulative potential****Product:**

Partition coefficient: n-octanol/water : Remarks: no data available

**Mobility in soil**

no data available

**Other adverse effects**

no data available

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**Product:**

Additional ecological information : There is no data available for this product.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.

**SECTION 14. TRANSPORT INFORMATION****International regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation****Special precautions for user**

Remarks : Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

**SECTION 15. REGULATORY INFORMATION**

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

2-Phenoxyethanol 122-99-6 1 %

**US State Regulations****Pennsylvania Right To Know**

Hydrolysed Keratin 69430-36-0 90 - 100 %

**New Jersey Right To Know**

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Hydrolysed Keratin

69430-36-0 90 - 100 %

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories:****TSCA**

All chemical substances in this product are listed on the TSCA Inventory.

**REACH**

On the inventory, or in compliance with the inventory

**CH INV**

The mixture contains substances listed on the Swiss Inventory

**DSL**

All components of this product are on the Canadian DSL.

**AICS**

On the inventory, or in compliance with the inventory

**NZIoC**

On the inventory, or in compliance with the inventory

**ENCS**

On the inventory, or in compliance with the inventory

**ISHL**

On the inventory, or in compliance with the inventory

**KECI**

On the inventory, or in compliance with the inventory

**PICCS**

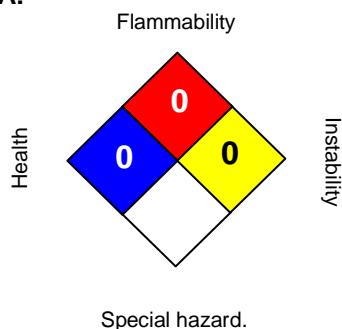
On the inventory, or in compliance with the inventory

**IECSC**

On the inventory, or in compliance with the inventory

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

**SECTION 16. OTHER INFORMATION****Further information****NFPA:****HMIS II:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.