

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:  
C-Pep™ Quintup

Version: 1

Date: 2021.02.04

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name	C-Pep™ Quintup
CAS number	56-81-5 (and) 7732-18-5 (and) 214047-00-4

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use	SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU21 Consumer uses: Private households/general public/consumers SU22 Professional uses
Uses advised against	Not determined
Product category	Not determined
Process category	Not determined

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier**  
CORUM INC.  
6FL., No.360, Ruei Guang Rd.,  
Neihu Dist, Taipei 11492, Taiwan  
**Further information obtainable from**  
[marketing.support@corum.com.tw](mailto:marketing.support@corum.com.tw)

### 1.4 Emergency telephone number

Company phone number	CORUM Tel. 886-2-8751-6060 Fax. 886-2-8751-6363
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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**  
This substance is not classified according to the CLP regulation

### 2.2 Label elements

**Label according to Regulation (EC) No 1272/2008**  
Not applicable

### 2.3 Other hazards

**Results of PBT and vPvB assessment**  
Not applicable

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Chemical characterization:** Mixture

3.2 **Composition/information on ingredients**

Chemical Name	CAS No.	EC No.
Glycerin	56-81-5	200-289-5
Water	7732-18-5	231-791-2
Palmitoyl Pentapeptide-4	214047-00-4	606-757-9

## SECTION 4: FIRST AID MEASURES

4.1 **Description of first aid measures**

<b>General information</b>	No data available
<b>After inhalation</b>	Supply fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical treatment.
<b>After skin contact</b>	Immediately wash with soap and copious amounts of water. If symptoms develop, seek medical attention.
<b>After eye contact</b>	Check and remove any contact lenses. Rinse opened eyes for 15 minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing</b>	Rinse mouth with water. Call for medical help immediately.

4.2 **Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	No further relevant information available
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4.3 **Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	No further relevant information available
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## SECTION 5: FIRE-FIGHTING MEASURES

5.1 **Extinguishing media**

**Suitable extinguishing media**

CO<sub>2</sub>, powder or water spray  
Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media**

Not determined

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## 5.2 Special hazards arising from the substance or mixture

No further relevant information available

## 5.3 Advice for firefighters

Wear protective clothing and glasses.  
Wear self-contained respiratory protective device.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothes.

### 6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of material collected according to regulations.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precaution for safe handling

#### **Advice on safe handling**

Keep away from heat and direct sunlight. Shake well before use. Handle in accordance with good industrial hygiene practice and any legal requirements.

### 7.2 Conditions for safe storage, including any incompatibilities

#### **Storage conditions**

Store only in the original receptacle.  
Store away from oxidizing agents.  
Protect from heat and direct sunlight.  
Protect from humidity and water.  
Protect from exposure to the light.  
Keep container tightly sealed.

#### **Incompatible materials**

None known based on information supplied

#### **Storage class (VbF)**

No

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7.3 Specific end use(s) No further relevant information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

<b>Exposure limits</b>	The product does not contain relevant quantities of materials with critical values that have to be monitored at the workplace.
<b>DNEL</b>	Not determined
<b>PNEC</b>	Not determined
<b>Additional information</b>	Not required

### 8.2 Exposure controls

#### Personal protective equipment

**Respiration protection** Not necessary if room is well-ventilated

**Hands protection** Protective gloves 

**Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection** Chemical safety goggles

**General protective measure** Avoid contact with the eyes and skin

**General hygiene measure** The usual precautionary measures are to be adhered to when handling chemicals

**Environmental exposure controls** No further relevant information available

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Powder
<b>Appearance</b>	White to off white powder
<b>Color</b>	White to off white
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined

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## Property

pH value (5%)	Not determined
Melting point/Melting range	Not determined
Boiling point/Boiling range	Not determined
Flash point	Not determined
Flammability (solid, gaseous)	Not determined
Ignition temperature	Not determined
Decomposition temperature	Not determined
Self-igniting	Not determined
Danger of explosion	Product does not present an explosion hazard.
Explosion limit	
Lower	Not determined
Upper	Not determined
Oxidizing properties	Not determined
Explosive properties	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Evaporation rate	Not determined
Solubility	Not determined
Partition coefficient (n-octanol/water at 25 °C)	Not determined
Kinematic viscosity	Not applicable
Dynamic viscosity	Not applicable

## 9.2 Other information

Surface tension	Not applicable
Dissociation constant	Not applicable
Granulometry	Not applicable

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Avoid reaction with strong acid, alkali, and oxidizing agents.

### 10.2 Chemical stability

The product is stable under ordinary condition.

#### **Thermal decomposition/conditions to be avoided**

No decomposition if used according to specifications.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known

### 10.4 Conditions to avoid

See Section 7 for information on safe handling.

### 10.5 Incompatible materials

See Section 7 for information on safe handling.

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- 10.6 **Hazardous decomposition products**  
No dangerous decomposition products known

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 **Information on toxicological effects**

**Acute toxicity**  
**LD/LC50 values relevant for classification**  
Not determined

#### **Primary irritant effect**

<b>Skin corrosion/irritation</b>	None of the components is classified as skin irritant.
<b>Serious eye damage/irritation</b>	None of the components is classified as eye irritant.
<b>Respiratory tract</b>	Not determined
<b>Respiratory/skin sensitization</b>	Not determined

#### **Additional toxicological information**

<b>Toxicokinetics, metabolism and distribution</b>	Not determined
<b>Repeated dose toxicity</b>	Not determined

#### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

<b>Germ Cell mutagenicity</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Reproductive toxicity</b>	Not determined
<b>STOT-single exposure</b>	Not determined
<b>STOT-repeated exposure</b>	Not determined
<b>Aspiration hazard</b>	Not determined

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 **Toxicity**

**Aquatic toxicity**  
No further relevant information available

### 12.2 **Persistence and degradability**

Biodegradable

### 12.3 **Bioaccumulative potential**

Due to the distribution coefficient n-octanol/water a worth mentioning accumulation in organism is not expected.

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## 12.4 Mobility in soil

No further relevant information available

## 12.5 Results of PBT and vPvB assessment

Not applicable

## 12.6 Other adverse effects

No further relevant information available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Recommendation

Observe community, national or regional regulations for waste handling and treatment.

### 13.2 Uncleaning packaging

#### Recommendation

Disposal must be made according to official regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN-Number

ADR/RID

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

### 14.2 UN proper shipping name

ADR/RID

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

### 14.3 Transport hazard class(es)

ADR/RID

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

### 14.4 Packing group

ADR/RID

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

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- 14.5 **Environmental hazard**  
**Marine pollutant** No
- 14.6 **Special precautions for user**  
**Special precaution for user** Not applicable
- 14.7 **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable
- 14.8 **ICAO/IATA – DGR**  
Not regulated as dangerous good

## SECTION 15: REGULATORY INFORMATION

- 15.1 **Safe, health and environmental regulations/legislation specific for the substance or mixture**
- Inventory - United States - Toxic Substances Control Act (TSCA)**  
Substance is not listed
- US - FIFRA- Pesticide Product Other Ingredients**  
Substance is not listed
- OECD - List of High Production Volume Chemicals**  
Substance is not listed
- U.S. - EPA - EPA – HPV (High Production Volume) Challenge Program Chemical List**  
Substance is not listed
- NOSH - Health Standards – Pesticides**  
Substance is not listed
- Inventory - Canada - Domestic Substances List (DSL)**  
Substance is not listed
- Philippines Inventory of Chemicals and Chemical Substances**  
Substance is not listed
- Inventory of Existing Chemical Substance in China (IECSC)**  
Substance is listed
- Australian Inventory of Chemical Substances**  
Substance is listed
- Japan Existing and New Chemical Substances (ENCS)**  
Substance is not listed
- National regulations**  
**Other regulations, limitations and prohibitive regulations**  
Not determined
- Substances of very high concern (SVHC) according to REACH, Article 59(10)**
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Not determined

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of CORUM Inc. It relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. CORUM Inc. assumes no legal responsibility for use of or reliance upon this information.

### Abbreviations and acronyms

NOAEL: Non Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
NOEC: No Observed Effect Concentration  
GHS: Globally Harmonized System of Classification and Labeling Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstract Service (division of the American Chemical Society)  
VbF: Ordinance on the storage of combustible liquids, Austria  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
SVHC: Substances of Very High Concern  
PBT: Persistent Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
STOT: Specific Target Organ Toxicity  
ADR: Agreement on Dangerous Goods by Road  
RID: Regulations concerning the Intl Transport of Dangerous Goods by Rail  
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
IMDG: International Maritime Dangerous Goods  
IATA: International Air Transport Association

### Sources

Own data from manufacture  
Chemical safety report according to REACH registration dossier