

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:
C-Pep™ Quintup

Version: 2

Date: 2021.06.03

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

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

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:
C-Pep™ Quintup

Version: 2

Date: 2021.06.03

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**

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

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

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

Note to physicians	No further relevant information available
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SECTION 5: FIRE-FIGHTING MEASURES

5.1 **Extinguishing media**

Suitable extinguishing media

CO₂, powder or water spray
Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media

Not determined

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:
C-Pep™ Quintup

Version: 2

Date: 2021.06.03

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 at room temperature.
Shake well before use.

Incompatible materials

None known based on information supplied

Storage class (VbF)

No

7.3 Specific end use(s)

No further relevant information available

Safety Data Sheet

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Trade name:
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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

Physical State	Liquid
Appearance	Clear liquid
Color	Clear
Odor	Characteristic
Odor threshold	Not determined

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:
C-Pep™ Quintup

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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.

Safety Data Sheet

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Trade name:
C-Pep™ Quintup

Version: 2

Date: 2021.06.03

- 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

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

Additional toxicological information

Toxicokinetics, metabolism and distribution	Not determined
Repeated dose toxicity	Not determined

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ Cell mutagenicity	Not determined
Carcinogenicity	Not determined
Reproductive toxicity	Not determined
STOT-single exposure	Not determined
STOT-repeated exposure	Not determined
Aspiration hazard	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.

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:
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Date: 2021.06.03

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

Safety Data Sheet

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Trade name:
C-Pep™ Quintup

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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)

56-81-5 Glycerin
7732-18-5 Water

OECD - List of High Production Volume Chemicals

7732-18-5 Water

Inventory - Canada - Domestic Substances List (DSL)

56-81-5 Glycerin
7732-18-5 Water

Philippines Inventory of Chemicals and Chemical Substances

56-81-5 Glycerin
7732-18-5 Water

Inventory of Existing Chemical Substance in China (IECSC)

56-81-5 Glycerin
7732-18-5 Water
214047-00-4 Palmitoyl Pentapeptide-4

Australian Inventory of Chemical Substances

56-81-5 Glycerin
7732-18-5 Water
214047-00-4 Palmitoyl Pentapeptide-4

Japan Existing and New Chemical Substances (ENCS)

56-81-5 Glycerin

National regulations

Other regulations, limitations and prohibitive regulations

Not determined

Substances of very high concern (SVHC) according to REACH, Article 59(10)

Substance not listed

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name:
C-Pep™ Quintup

Version: 2

Date: 2021.06.03

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

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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