

# SAFETY DATA SHEET



## Pearlpurin ® PP

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

<b>Product No.</b>	555
<b>INCI Name</b>	Pearl powder
<b>Application</b>	Cosmetic Additiv
<b>Industry Category</b>	Cosmetic Industry
<b>Reach</b>	According to EG 1907/2006 it is not part of the regulation
<b>Supplier</b>	STS Biotech(wuxi) co.,ltd Mashan214091 Wuxi China
<b>Emergency telephone number</b>	+86(0)510-85992505
<b>Fax:</b>	+86(0)510-85995722

### SECTION 2: HAZARDS IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC  
No hazardous product according to Directive 1999/45/EC  
No hazardous product according to EC 1272/2008

### SECTION 3: Composition/Information on Ingredients

<b>Hazardous components</b>	None.
<b>CAS No.</b>	471-34-1
<b>EC-No.</b>	207-439-9
<b>Chemical formular:</b>	95%w/w calcium carbonate(main substance) >=1.8%w/w protein and chitin

### SECTION 4: FIRST AID MEASURES

<b>Inhalation</b>	Fresh air
<b>Skin contact</b>	wash of with plenty of water
<b>Eye contact</b>	Rinse out with plenty of water with the eyelid held wide open
<b>After swallowing</b>	consult doctor if feeling unwell
<b>Important urgent or delayed</b>	
<b>Symptoms or effects</b>	no information available

**Indication of medical attention**

**And special treatment needed**      no information available

## **SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**      In adaption to materials stored in the immediate neighbourhood

**Special risks**      Non-combustible. Ambient fire may liberate hazardous vapours.

**Special protective equipment**

**For firefighters**      Don't stand in dangerous zone without self-contained breathing apparatus

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Person-related**

**Precautionary measures**      Avoid generation of dusts; don't inhale dusts

**Methods for cleaning/**

**Absorption**      Take up dry. Forward for disposal. Clean up affected area.

## **SECTION 7: HANDLIN AND STORAGE**

**Handling**      No further requirements

**Storage**      Tightly closed . Dry. Storage    temperature: no restrictions

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Respiratory protection**      Required when dusts are generated use Filter Type P2

**Hand protection**      Chemical resistant protective gloves(EN 374)

**Eye protection**      Safety glasses with side shields

**Personal protection**

**Equipment**      Protection clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

**Industrial Hygiene**      Wash hands after working with substance

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Form**      Solid, powder

**Colour**      White-ivory

**Odour**      Odourless

**Smell threshold**      no data available

**Physical and****Chemical properties**

PH(10g/L water)	8.0~10.5
Bulk density(20°C)	2.9g/cm <sup>3</sup>
Flash point	not available
Solubility in Water(20°C)	14mg/l
Melting point	825°C (decomposition)
Boiling point	not applicable
Flammability	non flammable
Evaporation rate	no data available
Inflammability	not applicable
Vapour pressure	no data available
Partition coefficient (n-octano/water)	no data available

**SECTION 10: STABILTY AND REACTIVITY**

Conditions to be avoided	Heating
Substance to be avoided	Acids; ammonium compounds; fluorine
Hazardous	
Decomposition products	No information available

**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute toxicity	LD 50/oral/rat 6450 mg/kg
Specific symptoms in	
Animal studies	Eye irritation test (rabbit): No irritations
Subacute to chronic toxicity	In animal experiments: No sensitizing effect
Genotoxicity	Ames Test: negative
Specific Toxicity	Nontoxic single application
Specific Toxicity	Nontoxic multiple application
Further data	After our experience no toxic effects are to be expected The product should be handled with the care usual when dealing with chemicals

**SECTION 12: ECOLOGICAL INFORMATION**

Biologic degradation	Methods for the determination of biodegradability are not applicable to inorganic substances
Behaviour in environmental	
Compartments	Concentration in organism is not to be expected
Ecotoxic effects	Quantitative Data on the ecological effect of this product are not available
Further ecologic data	No ecological problems are to be expected when the product is handled and used with due care and attention

### **SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Product</b>	Chemicals must be disposed of in compliance with the respective National regulations
<b>Packaging</b>	STS BIOTEC product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.

### **SECTION 14: TRANSPORT INFORMATION**

<b>Transport</b>	No subject to transport regulations
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### **SECTION 15: REGULATORY INFORMATION**

#### **Labeling according to EC Directives**

<b>Symbol(s)</b>	None
<b>R-pharse</b>	None
<b>S-pharse</b>	None
<b>WGK</b>	Nonpolluting substance

### **SECTION 16: OTHER INFORMATION**

<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct To the best of our knowledge ,information and belief at the Data of its publication.
<b>Revision Date</b>	15.01.2018
<b>Number</b>	18.01-01