**Material** **Safety** **Data** **Sheet**

**1.PREPARATION** **AND** **THE** **COMPANY**

**PRODUCT** **NAME:** **COMPANY:**

**Palmitoylethanolamide**

 **Langyue Biotech Co Ltd**

**BUSINESS** **PHONE:**

**BUSINESS** **FAX:**

**0731-86393263**

**0731-86393263**

**2.COMPOSITION** **/INFORMATION** **ON** **INGREDIENTS**

**SUBSTANCE** **NAME:**

 **CAS** **NO.: 544-31-0**

**FORMULA: C18H37NO2**

**Palmitoylethanolamide**

**3.HAZARDS** **IDENTIFICATION**

HMIS RATING:

Health:0

Flammability:0

Reactivity:0

NFPA RATING:

Health:0

Flammability:0

Reactivity:0

For additional information on toxicity, please refer to section 11

**4.FIRST** **AID** **MEASURES**

FIRST AID MEASURES IF

INHALTED

If breathed in, move person into fresh air. If not breathing give artificial respiration

IN CASE OF SKIN CONTACT

Wash off with soap and plenty of water.

IN CASE OF EYE CONTACT

Flush eyes with water as a precaution.

IF SWALLOWED

Never give anything by mouth to an unconscious person. Rinse mouth with water.

SUITABLE EXTINGUISHING MEDIA

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Wear self contained breathing apparatus for fire fighting ifnecessary.

**6.ACCIDENTAL** **RELEASE** **MEASURES**

PERSONAL PRECAUTION

Avoid dust formation.

ENVIRONMENTAL PRECAUTIONS

Do not let product enter drains.

METHODS FOR CLEANING UP

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7.HANDLING** **AND** **STORAGE**

HANDLING

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

STORAGE

Store at room temperature and away from light.

**8.EXPOSURE** **CONTROLS/PERSONAL** **PROTECTION**

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use dust masks. Use respirators and components tested and approved under Appropriate government standards

and protection:

For prolonged or repeated contact use protective gloves.

Eye protection:

Safety glasses

Hygiene measures:

General industrial hygiene practice.

**9.PHYSICAL** **AND** **CHEMICAL** **PROPERTIES**

Appearance Color:

Form:

Property

Molecular Weight

pH

BP/BP Range

Melting Point

Vapor Pressure

Vapor density Saturated Vapor Conc.

Value

NA

N/A

N/A

N/A

N/A

N/A

N/A

White Powder

At Temperature or Pressure

Odor Threshold

Volatile%

VOC Content

Water Content

Solvent Content

Surface Tension

Decomposition Temp Flash Point Explosion Limits Dispersion Properties

Miscellaneous Data Solubility

N/A

N/A

N/A

≤1.0%

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Soluble in water

(N/A=not available/Applicable)

**10.STABILITY** **AND** **REACTIVITY**

STORAGE STABILITY

Stable under recommended storage conditions.

MATERIALS TO AVOID

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous decomposition products formed under fire conditions, - Thermal decomposition may produce toxic fumes of phosphorus oxides and/or phosphine, Carbon oxides, nitrogen oxides(NOx)

**11.TOXICOLOGICAL** **INFORMATION**

No significant acute toxicological data identified in literature search

CHRONIC EXPOSURE

IARC: No Component of this product present at levels greater than or equal to 0. 1% is

identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms ofExposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

POTENTIAL HEALTH EFFECTS

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation. Ingestion:

May be harmful if swallowed. Target

Organs: Brain.

**12.ECOLOGICAL** **INFORMATION**

Persistence: Water/Soil HIGH

Bioaccumulation

Mobility

LOW

HIGH

**13.DISPOSAL** **CONSIDERATIONS**

**APPROPRIATE** **METHOD** **OF** **DISPOSAL** **OF** **SUBSTANCE** **OR** **PREPARATION**

Observe all state, and local environmental regulations

Dispose of as unused product

**14.TRANSPORT** **INFORMATION**

**ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**15.REGULATORY** **INFORMATION**

LABELLING ACCORDING TO STATE DIRECTIVES

Further information:

The product does not need to be labelled in accordance with state directives or respective national laws.

**16.OTHER** **INFORMATION**

**WARRANTY**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Changsha Huir Biological-Tech Co., Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

End of Safety Data Sheet