MSDS of Melatonin

Date of issue: 12/27/2025 Revision date 12/27/2025

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: Melatonin

Specifiction：Melatonin99%

CAS Number:73-31-4

Application of the substance / the mixture:This product is for research use

Manufacturer name: Xi'an Kintai Biotech Inc.

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Add：East 16-3-1, Zhongnan High-tech Airport Industrial Park, Airport New City, Xixian New Area, Shaanxi, China.

2 HAZARDS IDENTIFICATION

This product is not considered hazardous by the US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200).

3.COMPOSITION/INFORMATION ON INGRREDIENTS

Component: Melatonin

CAS Number:73-31-4

Weight %:99

4 FIRST AID MEASURES

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

5 FIRE-FIGHTING MEASURES

Fire Extinguishing Media: Water spray. Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Environmental Precautions

Should not be released into the environment.

Methods for Containment and Clean Up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation

7 HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection: Gloves and lab coat

Eye Protection:Use chemical safety goggles

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder Solid,Light yellow

Odor:the characteristics odor

Solubility: Insoluble in alcohol

10 STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage

11 TOXICOLOGICAL INFORMATION

Avoid breathing dust or spray mist.

12 ECOLOGICAL INFORMATION

Persistence and Degradability

Persistence is unlikely

Bioaccumulation/ Accumulation

No information available.

Mobility

Will likely be mobile in the environment due to its water solubility

13 DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14 TRANSPORT INFORMATION

DOT (US)

This substance is considered to be non-hazardous for transport

IMDG

This substance is considered to be non-hazardous for transport

IATA

This substance is considered to be non-hazardous for transport.

15 REGULATORY INFORMATION

No information

16 OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or damages, however arising from using the above information.

End of MSDS

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