

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: SPIRULINA POWDER
INCI Name: SPIRULINA PLATENSIS POWDER
CAS No: 223751-80-2
Origin: INDIA
Identified use (s): Skin Protecting, UV Absorbing material for manufacturing purposes.

Company Name: ASES CHEMICAL WORKS.
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)
EU DSD Classification according to Directive 67/548/EEC (Hazardous substances) and its adaptations.

Classified as NON-HAZARDOUS according to criteria of EC GHS and EU DSD

Hazard Symbols: NONE ALLOCATED

Hazard Statement: NON HAZARDOUS

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: SPIRULINA POWDER (% Natural)

Spirulina Platensis Powder is the powder obtained from the dried ground of the Alga, Spirulina platensis, Cyanophyceae

EINECS No: 607-057-6

CAS No: 223751-80-2

TSCA CAS No:

4. FIRST AID MEASURES

Ingestion: No immediate danger. Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.

Inhalation: Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.

Eye contact: Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.

Skin contact: Remove contaminated clothing wash thoroughly with soap and water and rinse. May causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguisher: Use CO₂, Foam, Powder or water mist extinguishers only.

Smoke/Fumes: Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide). fire-fighters should wear suitable breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Safety Precautions: Wear precautionary safety gloves and glasses & FFPI Nuisance Dust mask. (Consult sections 7 & 8 for additional information)

Environmental Safety Precautions: Eliminate all sources of ignition.
Prevent any material entering drains or waterways.

Damp down, or cover with inert material, sweep up or vacuum avoiding dust formation.
Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

MATERIAL SAFETY DATA SHEET
SPIRULINA POWDER

7. HANDLING AND STORAGE

Handling Precautions: Use in a well ventilated area. Should be treated as a nuisance dust under normal conditions of use. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure.

Storage Precautions: Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Ensure adequate ventilation.
Precautionary nuisance dust mask recommended.

Skin/Hand Protection: Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.

Eye/Face Protection: Wear safety glasses/visors.
Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dried dark blue/green powder.
Odour: Characteristic seaweed odour
Reduction Grade: Whole
Production Method: Dried/ground algae, vacuum evaporation
Cleaning : Manual
Genetically Modified: No

10. STABILITY AND REACTIVITY

Thermal stability: Product is stable at room temperature, thermal decomposition >1000°C
Keep away from any source of ignition.
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

Hazardous reactions: Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

Oral LD50: N/A **This product is NOT intended for oral use.**

Dermal LD50: N/A
LD50 dosage levels are only a guideline obtained from historical data,

12. ECOLOGICAL INFORMATION

Ecological effects: No data available
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

MATERIAL SAFETY DATA SHEET
SPIRULINA POWDER

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before
being sent for disposal. Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS

15. REGULATORY INFORMATION

Product Classification: SPIRULINA POWDER

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON- HAZARDOUS

Safety Precautions: Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.