

Material Safety Data Sheet

Conjugated Linoleic Acid Powder



Section 1 -Chemical Product and Company Information

MSDS Name:Conjugated Linoleic Acid Powder
 Company Identification:Ingredients4u PTE. LTD.
 For information,call:+86-21-31358882,Fax:+86-21-31358998

Section 2 -Composition/Information on Ingredients

| CAS# | Chemical Name | Percent |
|-----------|---------------------------------|---------|
| 2420-56-6 | Conjugated Linoleic Acid Powder | 50% |

Section 3-Hazards Identification

Harmful if swallowed.

Potential Health Effects:

The toxicological properties of this material have not been investigated.Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to preve

Section 4-First Aid Measures

Eyes:Immediately flush eyes with plenty of water for at least 15 minutes,occasionally lifting the upper and lower eyelids.

Skin:Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:Do NOT induce vomiting.If conscious and alert,rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation:Remove from exposure to fresh air immediately.

Section 5-Fire Fighting Measures

General Information:As in any fire,wear a self-contained breathing apparatus in pressure-demand,MSHA/NIOSH(approved or equivalent),and full protective gear.

During a fire,irritating and highly toxic gases maybe generated by thermal decomposition or combustion.

Extinguishing Media:In case of fire,use water,dry chemical,chemical foam,or alcohol-resistant foam.

Section 6-Accidental Release Measures

General Information:Use proper personal protective equipment as indicated in Section 8

Spills/Leaks:Clean up spills immediately,observing precautions in the Protective Equipment section.Sweep up,then place into a suitable container for disposal.

Section 7-Handling and Storage

Handling:Wash thoroughly after handling.Remove contaminated clothing and wash before reuse.Avoid contact with eyes,skin,and clothing.Avoid ingestion and inhalation.

Storage:Store in a cool,dry place.Keep container closed when not in use.

Section 8-Exposure Controls/Personal Protection

Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Eyes: Wear safety glasses and chemical goggles if splashing is possible.

Skin: Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9-Physical and Chemical Properties

Physical State: Powder

Appearance: White

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: 377.7°C at 760 mmHg

Freezing/Melting Point: 20°C

Autoignition Temperature: Not available.

Flash Point: Above 110°C (274.5°C)

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature: Not available.

Solubility in water: <0.1% (25°C)

Specific Gravity/Density: 0.9g/mL

Molecular Formula: C₁₈H₃₂O₂

Molecular Weight: 280.4

Section 10-Stability and Reactivity

Chemical Stability: Easy to react with alkali

Conditions to Avoid: Incompatible materials, strong oxidants.

Incompatibilities with Other Materials: Strong oxidizing agents, strong reducing agents, strong bases.

Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Section 11 -Toxicological Information

Acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

STOT-single exposure: no data available

STOT-repeated exposure: no data available

Aspiration hazard: no data available

LD50/LC50: mouse: LD50=1330 mg/kg

Section 12-Ecological Information

Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil:no data available

Section 13-Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Product:The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging:Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

Section 14-Transport Information

IATA Not regulated as a hazardous material.

IMO Not regulated as a hazardous material.

RID/ADR Not regulated as a hazardous material.

Section 15-Regulatory Information

Safety, health and environmental regulations specific for the product in question

European Inventory of Existing Commercial Chemical

Substances (EINECS):Not Listed. EC Inventory:Not Listed.

United States Toxic Substances Control Act (TSCA) Inventory:Listed. China

Catalog of Hazardous chemicals 2015:Not Listed.

New Zealand Inventory of Chemicals (NZIoC):Listed.

Philippines Inventory of Chemicals and Chemical Substances (PICCS):Not

Listed. **Vietnam National Chemical Inventory:**Not Listed.

Chinese Chemical Inventory of Existing Chemical Substances (China

IECSC):Listed.

Section 16-Other Information

Information on revision

Creation Date Jul 20, 2024

Revision Date Jul 19, 2027 Abbreviations and acronyms

CAS:Chemical Abstracts Service

ADR:European Agreement concerning the International Carriage of Dangerous Goods by Road

RID:Regulation concerning the International Carriage of Dangerous Goods by Rail

IMDG:International Maritime Dangerous Goods

IATA:International Air Transportation Association

TWA:Time Weighted Average

STEL:Short term exposure limit

LC50:Lethal Concentration 50%

LD50:Lethal Dose 50%

EC50:Effective Concentration 50