

Material Safety Data Sheet

Sunflower Meal

Section 1 - Product Identification

Synonym : N.A.
Chemical Formula : N.A.
Company Identification : Tradeasia International Pte. Limited
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Recommended use : For feed consumption

Section 2 – Hazards Identification

2.1. Environmental Hazards

No known hazards

2.2. Human Health Hazards

Eyes

N.A.

Skin

N.A.

Inhalation

N.A.

Ingestion

N.A.

Chronic

N.A.

Section 3 – Composition/Information on Ingredients

3.1 Composition comments

Ingredients : Product of oil manufacture, obtained by extraction and appropriate heat treatment of expeller of sunflower seeds from which part or all of the hulls has been removed. May contain up to 1 % by-products and processing aids from integrated crushing and refining plants.

CAS No. : 68937-99-5

Exposure Limits : N.A.

Section 4 – First-Aid Measures

4.1. Description of first aid measures

Eye Contact

Immediately rinse with large amounts of clean water. Retract eyelids often. Obtain medical attention if pain, tears or redness persist.

Skin Contact

Flush skin with plenty of clean, flowing water for at least 15 minutes using flowing water and soap. If medical symptoms occur, get medical attention.

Inhalation

Remove to fresh air.

Ingestion

For ingestion of large quantities, call a physician. Do not induce vomiting unless directed to do so by medical personnel

Section 5 – Fire Fighting Measures

5.1. Flash Point (Method Used)

> 390° F(PMCC)

5.2. Flammable Limits

N.A

5.3. Suitable Extinguishing media

Water in a fine spray. Alcohol resistant foam, CO2 or Dry Chemical extinguisher

5.4. Unsuitable Extinguishing media

N.A.

5.5. Specific hazards arising from the chemical

Hazardous combustion products may contain the original material, in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to aldehydes, carbon monoxide and carbon dioxide.

Section 6 – Accidental Release Measures

6.1. General

N.A

6.2. Spillage

N.A

Section 7 – Handling and Storage

7.1. General

Do not require any particular safety measures with respect to handling and transport.

7.2. Storage

Store in a dry place.

Section 8 – Exposure Controls/Personal Protection

8.1. Appropriate engineering controls

Do not require any particular safety measures with respect to handling and transport.

8.2. Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

N.A

Body Protection

N.A

Respiratory protection

N.A

Section 9 – Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form	: Solid
Odor	: Characteristic or sunflower meal
pH (10%, 25°C)	: N.A.
Boiling Point/Range	: N.A.
Decomposition Temperature	: N.A.
Specific Gravity (H ₂ O = 1)	: N.A.
Water Solubility (25°C)	: N.A.
Evaporation Rate	: N/A.
Water Reactive	: No
Melting Point/Range	: N.A.

Section 10 – Stability and Reactivity

10.1. Chemical stability

Stable under normal conditions.

10.2. Possibility of hazardous reactions

None

10.3. Conditions to avoid:

None

10.4. Incompatible materials

None

Section 11 – Toxicological Information

11.1 Health effects associated with ingredients

Irritancy	Skin : Non harmful
	Eyes : Non harmful
Carcinogenicity	: None

Section 12 – Ecological Information

12.1. Waste Disposal

Recycle for animal feed usage if appropriate. Contains no substances known not to be degradable in waste-water treatment plants.

Section 13 – Disposal Considerations

13.1. Disposal methods

Dispose of material in accordance with all local, state and federal regulations.

Section 14 – Transport Information

DOT Classification : N/A – Not hazardous for transportation.

Section 15 – Regulatory Information

Hazard Symbols : N/A

Section 16 : Additional Information

16.1. List of abbreviation and acronyms used in this MSDS

CAS No : Chemical Abstracts Service number

16.2. Disclaimer of Liability

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