



## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY /UNDERTAKING

**Product Name:** Leader Yellow (Xanthophyll 4%)

**Catalog Numbers:** Feed Additive

**Synonyms:** None

**Company Identification:** Guangzhou Leader Bio-Technology Co., Ltd.

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### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

#### Mixture

CAS#	Identification of chemical ingredients	Concentration	EINECS#
127-40-2	Xanthophyll	4	204-840-0
14808-60-7	Silicon Dioxide	14	None
3983-19-5	Calcium Carbonate	72.5	None
128-37-0	Antioxidant(BHT)	1.5	None
None	Moisture	8	

### SECTION 3 - HAZARDS IDENTIFICATION

#### Classification of the hazardous chemical

**Physical hazards:** Not classified.

**Health hazards:** Not classified.

**Environmental hazards:** Not classified.

#### Label elements, including precautionary statements

**Hazard symbol(s):** None.

**Hazard Statement(s)** The mixture does not meet the criteria for classification.

**Emergency Overview:** It belongs to feed additives, and has no harm to human and animals.

**Potential Health Effects and Symptoms:** None

**Eye:** may cause minimal irritation

**Skin:** Neither irritation nor sensitization is expected.

**Ingestion:** May cause slightly nausea.

**Inhalation:** Safe

**Chronic Effects:** Safe

### SECTION 4 - FIRST AID MEASURES



**Eyes:** Immediately flush with lukewarm, gentle flowing water

**Skin:** Wash with water and soap or mild detergent

**Ingestion:** Move victim to fresh air

**Inhalation:** Rinse mouth

**Notes to Physician:** None

## SECTION 5 - FIRE FIGHTING MEASURES

**Extinguishing Media:** CO<sub>2</sub>, water, foam or dry chemicals

**Unsuitable Extinguishing Media:** None

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Environmental Precautions:** Do not release to surface water or ground water.

**Method for Cleaning Up:** Wipe off with wet cloth or paper.

**For non-emergency personnel:** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

**For emergency responders:** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

## SECTION 7 - HANDLING AND STORAGE

**Handling:** For animals feed. Use with adequate ventilation. Provide appropriate exhaust ventilation at places where dust is formed. Practice good housekeeping

**Storage:** Dry and avoided sunlight and high temperature. Store away from incompatible materials

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Control parameters** Follow standard monitoring procedures.

### Workplace Exposure Limits

Components	Type	Value	Form
Silicon Dioxide(CAS# 14808-60-7)	TWA	10 mg/m <sup>3</sup>	Inhalable dust.
Calcium carbonate, natural (CAS# 3983-19-5)	TWA	10 mg/m <sup>3</sup>	Inspirable dust
Calcium carbonate, natural (CAS# 3983-19-5)	TWA	4 mg/m <sup>3</sup>	Inhalable dust.

**Appropriate engineering controls:** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If material is ground, cut, or used in any operation



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which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

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**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin protection**

Hand protection Wear appropriate chemical resistant gloves.

Other Wear suitable protective clothing.

**Respiratory protection** Wear respirator with dust filter.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: free-flowing powder

Color: yellow

Odor: Special feed additives smell

Viscosity: Not available

Vapor Pressure: Not available

Freezing/Melting Point: Not available

Boiling Point: Not available

Auto-ignition Temperature: Not available Flash Point:

No Flash Point at 100°C

Decomposition Temperature: Not available

Explosion Limits, lower: Not available

Explosion Limits, upper: Not available

Solubility in water: Not available

Molecular Formula: C<sub>40</sub>H<sub>56</sub>O<sub>2</sub>

Specific Gravity/Density: Not available

Molecular Weight: 568.85

**SECTION 10 - STABILITY AND REACTIVITY**

**Chemical Stability:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Conditions to Avoid:** Humidity and high temperature. Contact with incompatible materials.

**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not Known

**Inhalation:** Dust may irritate respiratory system

**Ingestion:** Expected to be a low ingestion hazard

**Eye:** Dust may irritate the eyes

**Skin:** Dust or powder may irritate the skin

**Others:** Not available

**Respiratory or skin sensitization**

**Respiratory sensitization:** Not a respiratory sensitizer.

**Skin sensitization:** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:** Not available.

**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.

**Aspiration hazard:** Not an aspiration hazard.



## SECTION 12 - ECOLOGICAL INFORMATION

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**Mobility:** The product is partly soluble in water. May spread in the aquatic environment.

**Persistence/Degradability:** Not available

**Bioaccumulation:** Not available

**Ecotoxicity:** The product is not classified as environmentally hazardous.

**Other Adverse Effects:** Not available

## SECTION 13 - DISPOSAL CONSIDERATIONS

Method of Disposal: Disposal should be subject to federal, state and local laws.

Residual waste: Dispose of in accordance with local regulations.

## SECTION 14 - TRANSPORT INFORMATION

UN #: None

UN Shipping Name: None

UN Classification: Not regulated as dangerous goods.

Special Precautions: None

UN Packing Group: None

Marine Pollutant: None

## SECTION 15 - REGULATORY INFORMATION

**National regulations:** No poison schedule number allocated.

## SECTION 16 - OTHER INFORMATION

The information in the sheet was written based on the best knowledge and experience currently available. All the instructions, suggestions, and recommendations are made without guarantee. Since the conditions of use are beyond our control, the manufacturer disclaims all the liability for loss or damage suffered from your individual use.

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