

## MATERIAL SAFETY DATA SHEET OF BIO EXTRA--Bio Stimulant

### 1. PRODUCT IDENTIFICATION

**Company:** Chico Crop Science CO., LTD.

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**Trade Name:** BIO EXTRA --Bio Stimulant

**Chemical name:** 0.0016% Brassinolide SL

### 2. COMPOSITION/ INGREDIENTS

**Composition:**

Chemical name	Standard
Brassinolide content	0.0016±0.0002%

### 3. PHYSICAL DATA

**Form:** Transparent liquid

**Color:** Light yellow

**Odor:** No obvious odor

**pH:** 5.0-8.0

**Water Solubility:** This product's solubility in water is very good.

**Specific Gravity:** No data available

### 4. HAZARDS IDENTIFICATION

**Effects of over exposure:** No significant effect.

**Health Hazard:** At present, no reports of occupational poisoning are founded.

**Environmental Hazard:** The field trial shows that this product has no hazard to the environment when used in recommended dosages.

**Emergency Response Data:** Non-flammable.

### 5. FIRST AID MEASURES

**Inhalation:** Acute inhalation symptoms unknown. Move to fresh air if persistent irritation or breathing difficulties occur. If breathing is difficult, give oxygen. Get medical help.

**Skin Contact:** Take off contaminated clothing, rinse with plenty of water flow. If irritation persists, seek medical attention.

**Eye Contact:** Closed eyelids, rinse with mobile or saline water.

**Ingestion:** Drink enough warm water, induce vomiting. Contact a physician if large quantities are ingested.

## 6. FIRE FLIGHTING MEASURES

**Flash Point:** Not applicable

**Unusual fire and explosion hazards:** None

**Extinguishing agent:** Water, foam, dry powder, carbon dioxide, sand.

## 7. ACCIDENT RELEASE MEASURES

**Handling spillage and leaking:** Isolation leakage polluted area, restricting access. Cut off the fire source. Recommended emergency personnel wearing a dust mask (full cover), wearing protective clothing. Use a clean shovel collection in a dry, clean, covered containers, transferred to a safe place. If a large number of spills, recycling or shipped to the collection of waste disposal sites.

**Waste disposal:** Follow local regulations.

## 8. HANDLING AND STORAGE

**Handling:** No special precautions are necessary beyond normal good hygiene practices. Away from fire, heat source, smoking is prohibited in the workplace.

**Storage:** Stored in a cool, ventilated warehouse. Away from fire and heat sources. Oxidants should be stored separately and avoid mixing reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with appropriate materials asylum leakage.

## 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ventilation:** Well ventilated work place is adequate.

**Respiratory:** No special equipment is necessary in a well-ventilated work place.

**Eye and skin:** Chemical type goggles or face shields are optional depending on working conditions. To wear protective overalls on infiltration.

**Other equipment:** Gloves.

## 10. STABILITY & REACTIVITY DATA

**Stability:** At the normal storage condition, this product's stability is good.

**Incompatibility:** No data available.

**Hazardous decomposition:** No data available.

**Hazardous polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Non-toxic, potential mild irritation

**Skin Contact:** Non-toxic, potential mild irritation

**Eye Contact:** Non-toxic, potential mild irritation

**Ingestion:** Non-toxic, may result abdominal pain, nausea, diarrhea.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** This product biodegrades at a normal rate. No harmful effects to terrestrial or aquatic habitats are expected.

**Environmental Fate:** Do not allow product to enter drains, waterways or sewers.

## 13. DISPOSAL PROCEDURES

**Disposal:** Dispose of in accordance with all local, state and federal regulations.

## 14. TRANSPORT INFORMATION

**Shipping Name:** BIO EXTRA --Bio Stimulant (0.0016% Brassinolide SL)

**Dangerous Good Class:** Not applicable

**Subsidiary Risk:** Not applicable

## 15. REGULATORY INFORMATION



This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 16. OTHER INFORMATION

The information contained herein relates only to the specific material identified. We believe that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the reliability or completeness of the information. Urge persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.

Chico Crop Science Co., Ltd.

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