

## MATERIAL SAFETY DATA SHEET OF CHICO-HUMIC ACID LIQUID

### 1. PRODUCT IDENTIFICATION

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

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**Trade Name:** CHICO-HUMIC ACID Liquid

**Chemical name:** HUMIC ACID Liquid

### 2. COMPOSITION/ INGREDIENTS

**Composition:**

Chemical name	Standard
N+P+K	$\geq 100$ g/L
Organic matter	$\geq 120$ g/L
Humic Acid	$\geq 100$ g/L
Fluvic Acid	$\geq 20$ g/L
Seaweed Extra	$\geq 20$ g/L
Amino Acid	$\geq 20$ g/L
Trace Element	0.1 %
pH	7.0-9.0
Water solubility	$\geq 95\%$
Appearance	Black liquid

### 3. PHYSICAL DATA

**Form:** Liquid  
**Color:** Black  
**Odor:** No data available  
**pH:** 8-10  
**Water Solubility:** 99% min  
**Specific Gravity:** No data available

## 4. HAZARDS IDENTIFICATION

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

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

## 5. FIRST AID MEASURES

**Inhalation:** Acute inhalation symptoms unknown. Move to fresh air and get medical help if persistent irritation or breathing difficulties occur.

**Skin Contact:** Wash with plenty of water.

**Eye Contact:** Wash with plenty of water.

**Ingestion:** Contact a physician if large quantities are ingested.

## 6. FIRE FLIGHTING MEASURES

**Flash Point:** Not applicable

**Unusual fire and explosion hazards:** None

## 7. ACCIDENT RELEASE MEASURES

**Handling spillage and leaking:** Clean or remove then wash with water

**Waste disposal:** Follow local regulations.

## 8. HANDLING AND STORAGE

**Handling:** No special precautions are necessary beyond normal good hygiene practices.

**Storage:** Store in a cool, dry place away from strong oxidizing agents. Do not store in open or unlabeled containers.

## 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.

**Other equipment:** Gloves.

## 10. STABILITY & REACTIVITY DATA

**Stability:** Stable.

**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:** HUMIC ACID Liquid

**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.