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Report No.: MPIIUGEK968077U3

# MSDS Report

Sample Name  
& Model

Biaxially stretched poly (lactic acid) films

Applicant

XIAMEN CHANGSU INDUSTRIAL CORPORATION LIMITED

Address

B District (Workshop), NO.16 Xinsheng Road, Haicang  
District, Xiamen City



No.: MPIIUGEK968077U3

Code: g3n7egcfg4



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Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 1 of 7

## Material Safety Data Sheet

Reference to ST/SG/AC.10/30/Rev.8 (GHS)

### Section 1 - Chemical Product and Company Identification

#### Chemical Product Identification

**Sample Name:** Biaxially stretched poly (lactic acid) films**Sample Model:** /**Recommended Uses:** Making food packaging materials, tape**Restrictions on Use:** N/A**Supplier Name:** XIAMEN CHANGSU INDUSTRIAL CORPORATION LIMITED**Address:** B District (Workshop), NO.16 Xinsheng Road, Haicang District, Xiamen City**Phone Number:** 15260241802**FAX:** /**E-mail:** zengmengzhen@chang-su.com.cn**Emergency Phone Number:** 0592-6806888

### Section 2 - Hazards Identification

**Emergency overview:** None.

#### Classification according to GHS

Not a dangerous substance according to GHS.

#### Label elements

**Hazard pictogram(s):** No available**Signal word:** No available**Hazard statement(s):** No available

#### Precautionary statement(s):

**Prevention:** No available**Response:** No available**Storage:** No available**Disposal:** No available

#### Other hazards

**Physical and chemical hazards:** See Section 10**Human health hazards:** See Section 11**Environmental hazards:** See Section 12

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Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 2 of 7

### Section 3 – Composition/Information on Ingredients

**Chemical characterization:** Substance

Chemical Composition	CAS No.	EC#	Weight (%)
Polylactic Acid	9051-89-2	618-575-7	100

### Section 4 - First Aid Measures

**Description of first aid measures**

**After eye contact**

Flush eyes with water.

**After skin contact**

Wash with water and soap.

**After inhalation**

Remove victim to fresh area.

**After swallowing**

Do not induce vomiting. Get medical attention.

**Personal protective equipment for first-aid responders:** No data available.

**Most important symptoms/effects, acute and delayed:** No data available.

**Indication of immediate medical attention and special treatment needed:** No data available.

### Section 5 - Fire Fighting Measures

**Suitable extinguishing media:**

Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder, CO<sub>2</sub>.

**Unsuitable extinguishing media:** No data available.

**Specific Hazards arising from the chemical:** No data available.

**Specific protective actions for fire-fighters:**

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

### Section 6 - Accidental Release Measures

**Personal precautions:**



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Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 3 of 7

Pony Testing International Group

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

#### Protective equipment:

No data available.

#### Emergency procedures:

Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust.

Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

#### Environmental precautions:

Do not allow material to be released to the environment without proper governmental permits.

#### Methods and materials for containment and cleaning up:

For all waste handling must refer to United Nations, National and Local Regulations for disposal.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## Section 7 - Handling and Storage

#### Precautions for safe handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated place. Keep away from heat, avoiding the long time of sunlight. Keep container tightly sealed.

## Section 8 - Exposure Controls/Personal Protection

#### Control parameters

CAS No.	ACGIH	NIOSH	OSHA
9051-89-2	N/A	N/A	N/A

#### Engineering control:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

#### Personal Protective Equipment



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Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 4 of 7

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**Respiratory protection:** Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

**Hand Protection:** Wear appropriate protective gloves to reduce skin contact.

**Eyes Protection:** Wear safety goggles or eye protection combined with respiratory protection.

**Skin and Body Protection:** Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

## Section 9 - Physical and Chemical Properties

### Information on basic physical and chemical properties

Colour:	Colorless transparent.
Physical State:	Film.
Odour:	Not available.
Odour threshold:	Not available.
pH:	Not available.
Melting point/freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash Point:	Not available.
Evaporation rate:	Not available.
Flammability (solid, gas):	Not available.
Explosion Limits (vol% in air):	Not available.
Vapour pressure, kPa at 20°C:	Not available.
Vapor density:	Not available.
Density/Relative density (water = 1):	Not available.
Solubility(ies):	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable.

**Possibility of hazardous reaction:** No data available.





Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 5 of 7

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**Conditions to Avoid:** Incompatible materials.**Incompatible materials:** No data available.**Hazardous Decomposition Products:** Carbon oxide.

## Section 11 - Toxicological Information

### Acute Toxicity:

CAS No.	LC50/LD50
9051-89-2	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.**Specific target organ toxicity-Single exposure:** No data available.**Specific target organ toxicity-Repeated exposure:** No data available.**Aspiration hazard:** No data available.**Information on the likely routes of exposure:** No data available.**Eye:** No data available.**Skin:** No data available.**Ingestion:** No data available.**Inhalation:** No data available.

## Section 12 - Ecological Information

**Ecological Toxicity:** No data available.**Persistence and degradability:** No data available.**Bioaccumulative Potential:** No data available.**Mobility in Soil:** No data available.**Other adverse effects:** No data available.

## Section 13 - Disposal Considerations

**Disposal methods:****Recommendation:**

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Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 6 of 7

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Consult state, local or national regulations to ensure proper disposal.

**Uncleaned packaging**

**Recommendation:** Disposal must be made according to official regulations.

## Section 14 - Transport Information

UN or ID Number	
IATA, IMDG, Model Regulation	N/A
Proper Shipping Name/Description	
IATA, IMDG, Model Regulation	N/A
Class or Div. (Sub Hazard)	
IATA, IMDG, Model Regulation	Not Subjected for transport of dangerous goods
Packing Group	
IATA, IMDG, Model Regulation	N/A
Hazard Label	
IATA, IMDG, Model Regulation	N/A
Environmental hazards	
Marine pollutant:	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by railway, by road.

## Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS No.	TSCA	IECSC	DSL/NDL	EINECS/ ELINCS/ NLP
9051-89-2	Listed	Listed	Listed DSL	Listed

## Section 16 - Other Information

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Notice to reader



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Report No.: MPIIUGEK968077U3 Date: 2021-09-10 Page 7 of 7

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value)

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-short time exposure limit);

PC-TWA: (Permissible concentration-time weighted average);

LC50: (Lethal concentration, 50 percent kill);

LD50: (Lethal dose, 50 percent kill);

IARC: (International Agency for Research on Cancer);

EC50: (Median effective concentration);

BCF: (Bioconcentration Factor);

BOD: (Biochemical oxygen demand);

NOEC: (No observed effect concentration);

NTP: (US National Toxicology Program);

RTECS: (Registry of Toxic Effects of Chemical Substances);

IATA: (International Air Transport Association);

IMDG: (International Maritime Dangerous Goods);

TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);

TOC: (Total Organic Carbon);

TSCA: (Toxic Substances Control Act of USA);

DSL: (the Domestic Substances List of Canada);

NDSL: (the Non-domestic Substances List of Canada)

\*\*\*End of report\*\*\*