



LEALEA GROUP

**LIBOLON**  
力寶龍

-----**MATERIAL SAFETY DATA SHEET**-----

**SECTION 1 : CHEMICAL PRODUCT AND COMPANY**

**IDENTIFICATION**

Product Name : LIBOLON Polyester Chip Bottle Grade

Chemical Name : POLYETHYLENE TEREPHTHALATE

CAS No . : 25308-59-9(PET)

Chemical Formula:  $\text{HO}(\text{CH}_2)_2\text{O} [ \text{OC}-\text{C}_6\text{H}_4-\text{COO}(\text{CH}_2)_2 ]_n\text{OH}$

End Uses : Bottle or Container

**Company Identification:**

Manufacturer's Name and Address: LEALEA ENTERPRISE Co., LTD.

11F, No.162, Sung Chiang Rd., Taipei 104, Taiwan R.O.C.

**SECTION 2 : COMPOSITION/INFOTMATION ON INGRAEDIENT**

Main ingredients : POLYETHYLENE TEREPHTHALATE

**SECTION 3 : HAZARDS IDENTIFICATION**

Except for minor irritation of the skin and eyes, no adverse health effects are known.

This material or any of its compounds does not have concentrations equal than 0.1% of those listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

HMIS Hazard Ratings: Health – 1, Flammability-1, Chemical Reactivity-1.

NPFA Hazard Ratings: Health –\* 1, Flammability-1, PHYSICAL-1.

**SECTION 4 : FIRST AID MEASURES**

**Ingestion** : Unlikely to be required but, if necessary, treat symptomatically.

**Eye contact** : Irrigate with eyewash solution or clean water, if easy to do, remove contact lenses.

**Skin contact** : If irritation occurs, wash off with water.

**Inhalation** : If symptomatic, move to fresh air and get medical attention if symptoms persist.

**SECTION 5 : FIRE FIGHTING MEASUREMENTS**

**Extinguishing media** : Water spray or dry chemical.

**Special fire fighting instructions** : Water, self-contained breathing apparatus and protective clothing.

**Hazardous combustion products** : Carbon dioxide, carbon monoxide, Monomer

**Unusual fire and explosion hazardous** : Powdered material may form explosive dust-air mixtures.

## SECTION 6 : ACCIDENTAL, REALEASE MEASURES

Sweep up and place in a container, drums or plastic bags, for waste.

Disposal : Disposal of in accordance with local regulations.

## SECTION 7 : HANDLING AND STROEAGE

### Personal precautionary measures :

It is a good industrial hygiene practice to wear eye protection to prevent any eye contact.

### Prevention of fire and explosion :

Keep away from contact with oxidizing materials. Minimize dust generation and accumulation. Refer to NPFA Pamphlet No.654 Prevention of Fire and Dust Explosions in the chemical, Dye, Pharmaceutical and Plastics industrial.

### Storage :

Keep container, drums or plastic bags closed.

Keep away from heat and sources of ignition.

## SECTION 8 : EXPOSURE CONTROL AND PERSONAL PROTECTION

Unlikely to cause harmful effects under normal conditions of handling and use, the following values apply to nuisance dust which may be formed during cold processing.

( eg, cutting, grinding, stamping ).

Exposure Limit: ACGIH Threshold Limit value (TLV): None Established.

OSHA Permissible Exposure Limit (PEL): None Established.

Ventilation : Good general ventilation should be used.

Eye protection : It is a good industrial hygiene practice to wear eye protection to prevent any eye contact.

Skin protection : It is a good industrial hygiene practice to prevent prolonged or repeated skin contact.

Recommended Decontamination Facilities : Eyewash, shower and standard washing facilities.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	: Solid.
Color	: White.
Odor	: Odorless.
Solubility ( in water : Ambient Temperature )	: Insoluble.
Boling point	: Not applicable.
Melting point ( )	: 245 .
Vapor pressure ( mmHg at 25 )	: Not applicable.

Percentage Volatiles : Not applicable.  
Evaporation Rate : Not applicable.  
Vapor Density : Not applicable.  
Specific Gravity : 1.375~1.410.  
Flash point ( ) : 440 .  
Auto ignition temperature : None.  
Flammability limit (%) and other properties if applicable : 440

#### **SECTION 10 : STABILITY AND REACTIVITY**

Stability : Stable under normal conditions.  
Combustion products : Carbon dioxide , Carbon monoxide.  
Thermal decomposition : Monomer.  
Possible hazardous reactions occurring under specific conditions : Smoke.

#### **SECTION 11 : TOXICOLOGICAL INFORMATION**

Toxicity Data : None.  
Carcinogenicity : None.  
Reproductive effect : None.  
Effects of overexposure : None.  
Chronic effects : None.  
Target organs : None.  
Medical Conditions Generally Aggravated by exposure : None.

#### **SECTION 12 : ECOLOGICAL INFORMATION**

Mobility : No data available.  
Bioaccumulation : No data available.  
Biodegradability : No data available.  
Aquatic toxicity : No data available.

#### **SECTION 13 : DISPOSAL INFORMATION**

Incineration under permitted by regulation

#### **SECTION 14 : TRANSPORT INFORMATION**

Any international and national regulatory requirements : None.  
Packaging information : Using bag, cartons, pallet and paper tube etc.  
Any other special requirements : None.  
Transportation : By land or sea transport.

#### **SECTION 15 : REGULAROTY INFORMATION**

USER : Not classified as hazardous users.  
TRANSPORT : Not classified as hazardous for transport.

## **SECTION 16 : OTHER INFORMATION**

For other technical information, please contact the address in

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Workers using LEALEA PET should read and understand this MSDS and be trained in the proper use of this material.