

Last revised date : 2022-06-10  
MSDS No. : AA00566-2100000303

## Safety Data Sheet(SDS)

### 1. Identification of the substance/mixture and of the company/undertaking

1) Product identifier : PDBF115B

2) Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified uses  
48.Others (Protection film)

- Uses advised against

3) Supplier information

- Company name [Manufacture]

Company : LG Chem, Ltd.

Address : 54, Dokgot 1-ro, Daesan-eup, Seosan-si, Chungcheongnam-do, Republic of Korea

Emergency number : 041-661-2651

### 2. HAZARD IDENTIFICATION

1) Hazard classification

Not applicable

2) Allocation label elements

Hazard pictograms

Signal word

- NONE

Hazard statements

No data available

#### Precautionary statements

Not applicable

#### 3) Other hazards

##### ○ Product NFPA Level

Health	Flamm ability	Reactivity
1	1	0

( ※ 0 = Insufficient , 1 = Slightly , 2 = ordinary , 3 = Highness , 4 = Very high)

#### 3. Composition/Information on ingredients

Components	Common name	CAS No.	PCT(wt%)
Polyethylene	Polyethylene	9002-88-4	100

#### 4. FIRST AID MEASURES

##### 1) Following eye contact

No data available

##### 2) Following skin contact

No data available

##### 3) Following inhalation

No data available

##### 4) Following ingestion

No data available

##### 5) Advice to physician

No data available

#### 5. FIRE FIGHTING MEASURES

##### 1) Suitable (and unsuitable) extinguishing media

###### ○ Suitable extinguishing media

- No data available

###### ○ Unsuitable extinguishing media

- No data available

2) Special hazards arising from the substance or mixture

- Pyrolytic product
  - No data available
- Risk of fire and explosion
  - No data available
- Other
  - No data available

3) Special protective equipment for firefighters

- No data available

## 6. ACCIDENTAL RELEASE MEASURES

1) Health considerations and protective equipment

No data available

2) Environmental precautions

No data available

3) For cleaning up

No data available

## 7. HANDLING AND STORAGE

1) Precautions for safe handling

No data available

2) Conditions for safe storage (including any incompatibilities)

No data available

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1) Chemical exposure limits, Biological exposure standard

Components	Occupational exposure limits	ACGIH	Biological standard
Polyethylene	TWA : Not applicable STEL : Not applicable	TWA : Not applicable STEL : Not applicable	Not applicable

2) Appropriate engineering controls

- Not applicable

3) Personal protection equipment

- Respiratory protection
  - If high frequency of use or exposure, wear air respirator.
  - Wear breathing protection, which needs a confirmation from the Korea Occupational Safety and Health Agency.

- Eye protection
  - Wear suitable protective goggles and face shields.
- Hand protection
  - Wear suitable protective gloves.
- Body protection
  - Wear suitable protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	No data available
Physical state	Solid
Colour	White
Odour	Odorless
Odour threshold	No data available
pH	No data available
Melting point/freezing point	85 ~ 140 °C
Initial boiling point and boiling range	No data available
Flash point	341 °C
Evaporation rate	No data available
Flammability(solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Solubility(ies)	(Insoluble)
Vapour density	No data available
Relative density	0.91-0.96 (g / cm3)
n-octanol/water partition coefficient	No data available
Auto ignition temperature	330-410 °C
Decomposition temperature	No data available
Viscosity	No data available
Molecular weight(mass)	1500-100000

## 10. STABILITY AND REACTIVITY

- 1) Stability and hazardous reactivity  
No data available
- 2) Conditions to avoid  
No data available
- 3) Incompatible materials  
No data available
- 4) Hazardous decomposition products  
No data available

## 11. TOXICOLOGICAL INFORMATION

- 1) Exposure route information
  - Inhalation
    - Not applicable
  - Skin Contact
    - Not applicable
  - Eye Contact
    - Not applicable
  - Ingestion
    - Not applicable
- 2) Health hazard information
  - Acute toxicity
    - Acute toxicity(Oral)  
LD50> 8000 mg / kg experimental species: Rat, Source: RTECS
    - Acute toxicity(Dermal)  
No data available
    - Acute toxicity(Inhalation:Gases)  
No data available
    - Acute toxicity(Inhalation:Vapours)  
No data available
    - Acute toxicity(Inhalation:Dust/mist)  
LC50 75.5 mg / l 30 min experimental species: Rat, Source: RTECS
  - Skin corrosion/irritation  
No data available
  - Serious eye damage/eye irritation  
No data available

- Respiratory sensitization

No data available

- Skin sensitization

No data available

- Carcinogenicity

3 (IARC), Source: IARC

- Germ cell mutagenicity

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

## 12. ECOLOGICAL INFORMATION

### 1) Aquatic toxicity

- Fish

No data available

- Crustacea

No data available

- Aquatic algae

No data available

### 2) Persistence and degradation

- n-octanol water partition coefficient

No data available

- Degradation

No data available

- Biodegradation

No data available

### 3) Bioaccumulative potential

No data available

### 4) Mobility in soil

No data available

5) Other adverse effects

No data available

### 13. DISPOSAL CONSIDERATIONS

1) Disposal methods

- Every commercial waste producer shall either treat wastes generated from his/her place of business by him/herself or commission the treatment of such wastes to a person who has license for a waste treatment business under Article 26(3), a person who recycles of such wastes under Article 44(2), a person who has installed and operates a waste disposal facility under Article 4 or 5, a person who has completed the registration of a business of discharging wastes into the sea under Article 18 of the Marine Environment Management Act.

2) Precautions (including disposal of contaminated container of package)

- Do not allow spill material to enter sewers, storm water drains, soil, etc.

### 14. TRANSPORT INFORMATION

1) UN No. : Not applicable

2) Proper shipping name : Not applicable

3) Class or division : Not applicable

4) Packing group : Not applicable

5) Marine pollutant : Not applicable

6) Special safety response for transportation or transportation measure :

Emergency measures in case of fire : Not applicable

Emergency measures in the effluent : Not applicable

- ADR

- Tunnel restriction code : Not applicable

- IMDG

- Marine pollutant : Not applicable

- Air transport(IATA)

- UN No. : Not applicable
- Proper shipping name : Not applicable
- Class or division : Not applicable
- Packing group : Not applicable

### 15. REGULATORY INFORMATION

1) Occupational Safety and Health Act in Korea

- Not applicable

2) Toxic Chemical Control Act in Korea

- Not applicable

3) Safety Control of Dangerous Substances Act in Korea

- Not applicable

4) Wastes Control Act in Korea

- Designated waste (Not Applicable)

-In case of disposal, it must be disposed of in accordance with Article 13 of the Waste Management Act.

5) Other regulations in KOREA and Abroad regulations

- ETC regulation
  - Not applicable
  - Not applicable
- PERSISTENT ORGANIC POLLUTANTS CONTROL ACT
  - Not applicable
- Act on the registration and evaluation of chemicals
  - Existing Commercial Chemical Substances

## 16. OTHER INFORMATION

1) Reference

- HSDB
- ICSC
- Kochetkova, 1971
- Ministry of Employment and Labor
- Ministry of Environment
- RTECS

2) Print date : 2021-11-19

3) Revision date

- Revised date count : 1
- Last revised date : 2022-06-10
- Last revised history : Unification of Standards

4) Other



