

# PCR PO LF8025

#### **Description**

80% PCR(Post-Consumer Recycled) content

Excellent mechanical properties and Foreign substance management

Complies with U.S. FDA 21 CFR 177.1520 (Olefin Polymers), RoHS, Phthalates Free but not intended for regulated use such as food, medical application

#### **Application**

Stretch Film, Industrial Packaging Film

Properties	Method	Condition	Unit	PCR PO LF8025
Physical	,			,
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	2.5
Density	ASTM D1505	Density-Gradient	g/cm³	0.918
Film Properties				
Haze(40µm)	ASTM D1003	40μm	%	6.5
Dart Impact Strength	ASTM D1709	Method A	g	150
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm²	350
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm²	300
Elongation at Break Point, MD	ASTM D882	500mm/min	%	350
Elongation at Break Point, TD	ASTM D882	500mm/min	%	610
Secant Modulus - 1% Secant, MD	ASTM D882	500mm/min	kgf/cm²	2000
Secant Modulus - 1% Secant, TD	ASTM D882	500mm/min	kgf/cm²	2000
Elmendorf Tear Strength, MD	ASTM D1922	500mm/min	gf/μm	600
Elmendorf Tear Strength, TD	ASTM D1922	500mm/min	gf/μm	700

#### Note

Film properties are measured on 40µm film specimens.

The properties data in this table are typical values, and not guaranteed specification.

Issued Date : 2022-05-11

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APPLICANT : LG Chem, Ltd.

ADDRESS: 211, Hwangsae-ro,

Osan-si, Gyeonggi-do, Korea

PAGE: 1 of 6

DATE: Jun. 02, 2023

REPORT NO. RT23R-S3359-003-E

SAMPLE DESCRIPTION : The following submitted sample(s) said to be:-

NAME/TYPE OF PRODUCT : LF8025

SAMPLE ID NO. : RT23R-S3359-003 MANUFACTURER/VENDOR : LG Chem, Ltd.

SAMPLE RECEIVED : May 25, 2023

TESTING DATE : May 25, 2023 ~ Jun. 02, 2023

TEST METHOD(S) : Please see the following page(s).
TEST RESULT(S) : Please see the following page(s).

\* Note 1 : The test results presented in this report refer only to the object tested.

Approved by,

Authorized by,

Authenticity check

Jade Jang / Lab. Technical Manager

Bo Park / Lab. General Manager

Intertek Testing Services Korea Ltd.





<sup>\*</sup> Note 2: This report shall not be reproduced except in full without the written approval of the testing laboratory.



PAGE: 2 of 6 DATE: Jun. 02, 2023

REPORT NO. RT23R-S3359-003-E

SAMPLE ID NO. : RT23R-S3359-003 SAMPLE DESCRIPTION : LF8025

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013,	0.5	N.D.
Lead (Pb)	mg/kg	by acid digestion and determined by ICP-OES	5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321-4: 2013/AMD1: 2017, by acid digestion and determined by ICP-OES	2	N.D.
Hexavalent Chromium (Cr <sup>6+</sup> )	mg/kg	With reference to IEC 62321-7-2 Edition 1.0: 2017, by alkaline/toluene digestion and determined by UV-VIS Spectrophotometer	8	N.D.
Polybrominated Biphenyl (PBBs)				
Monobromobiphenyl	mg/kg		5	N.D.
Dibromobiphenyl	mg/kg		5	N.D.
Tribromobiphenyl	mg/kg		5	N.D.
Tetrabromobiphenyl	mg/kg	With reference to	5	N.D.
Pentabromobiphenyl	mg/kg	IEC 62321-6 Edition 1.0 : 2015,	5	N.D.
Hexabromobiphenyl	mg/kg	by solvent extraction and	5	N.D.
Heptabromobiphenyl	mg/kg	determined by GC/MS	5	N.D.
Octabromobiphenyl	mg/kg		5	N.D.
Nonabromobiphenyl	mg/kg		5	N.D.
Decabromobiphenyl	mg/kg		5	N.D.
Polybrominated Diphenyl Ether (F	PBDEs)			
Monobromodiphenyl ether	mg/kg		5	N.D.
Dibromodiphenyl ether	mg/kg		5	N.D.
Tribromodiphenyl ether	mg/kg		5	N.D.
Tetrabromodiphenyl ether	mg/kg	With reference to	5	N.D.
Pentabromodiphenyl ether	mg/kg	IEC 62321-6 Edition 1.0 : 2015,	5	N.D.
Hexabromodiphenyl ether	mg/kg	by solvent extraction and	5	N.D.
Heptabromodiphenyl ether	mg/kg	determined by GC/MS	5	N.D.
Octabromodiphenyl ether	mg/kg	]	5	N.D.
Nonabromodiphenyl ether	mg/kg	]	5	N.D.
Decabromodiphenyl ether	mg/kg		5	N.D.

Tested by : Jooyeon Lee, Chano Kim, Hayan Park

Notes: mg/kg = ppm = parts per million

< = Less than

N.D. = Not detected ( <MDL ) MDL = Method detection limit

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REPORT NO. RT23R-S3359-003-E DATE: Jun. 02, 2023

SAMPLE ID NO. : RT23R-S3359-003

SAMPLE DESCRIPTION: LF8025

TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
Dibutyl phthalate (DBP)	84-74-2	mg/kg		50	N.D.
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg		50	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg		50	N.D.
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	With reference to IEC 62321-8 Edition 1.0 : 2017, by solvent extraction and determined by GC/MS	100	N.D.
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	mg/kg		100	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg		50	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg		50	N.D.
Dimethyl phthalate (DMP)	131-11-3	mg/kg		50	N.D.
Diethyl phthalate (DEP)	84-66-2	mg/kg		50	N.D.

Tested by : Hayan Park

Notes: mg/kg = ppm = parts per million

< = Less than

N.D. = Not detected ( <MDL )
MDL = Method detection limit

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REPORT NO. RT23R-S3359-003-E

DATE: Jun. 02, 2023

SAMPLE ID NO. : RT23R-S3359-003

SAMPLE DESCRIPTION: LF8025

\* View of sample as received;-









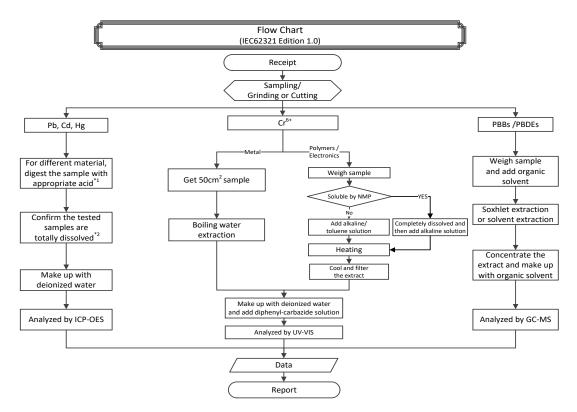


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REPORT NO. RT23R-S3359-003-E DATE: Jun. 02, 2023

SAMPLE ID NO. : RT23R-S3359-003

SAMPLE DESCRIPTION: LF8025



Remarks:
\*1: List of appropriate acid:

- :	List of appropriate dela .			
	Material	Acid added for digestion		
	Polymers	HNO₃, HCl, HF, H <sub>2</sub> O <sub>2</sub> , H3BO₃		
	Metals	HNO₃, HCl, HF		
	Electronics	HNO₃, HCl, H <sub>2</sub> O₂, HBF₄		

<sup>\*2 :</sup> The samples were dissolved totally by pre-conditioning method according to above flow chart.







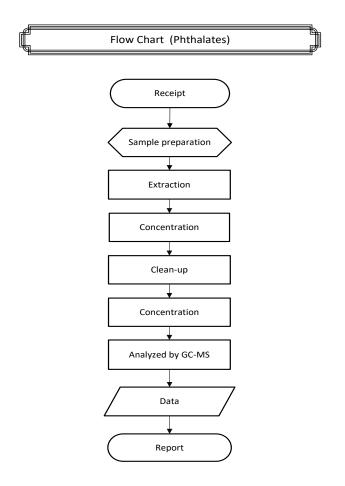


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REPORT NO. RT23R-S3359-003-E DATE: Jun. 02, 2023

SAMPLE ID NO. : RT23R-S3359-003

SAMPLE DESCRIPTION: LF8025



\*\* End of Report \*\*\*\*\*

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Last revised date: 2022-04-28

MSDS No.:

# Safety Data Sheet(SDS)

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

1) Product identifier: PCR PO LF8025 25KG BAG

- 2) Relevant identified uses of the substance or mixture and uses advised against
  - o Relevant identified uses
    - 1.Feed materials, Intermediates
  - Uses advised against
- 3) Supplier information
  - O Company name [Manufacture]

Company: LGC Daesan

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

Emergency number: 82-31-5187-0430 PCR

#### 2. HAZARD IDENTIFICATION

- 1) Hazard classification
  - Specific target organ toxicity single exposure Category 3(Respiratory tract irritation)
- 2) Allocation label elements

Hazard pictograms



Signal word

- WARNING

Hazard statements

H335 May cause respiratory irritation



#### Precautionary statements

- Prevention

P261 Avoid breathing dust/fume/vapours.

P271 Use only outdoors or in a wellventilated area.

- Response

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 If you feel uncomfortable, receive medical institutions and doctors' consultation.

- Storage

P403+P233 Store in a wellventilated place. Keep container tightly closed.

P405 Store locked up.

- Disposal

P501 Dispose of contents and containers according to the legislation of the waste

#### 3) Other hazards

#### o Product NFPA Level

Health	Flamm abliity	Reactivity
2	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	75-85
Ethylene-1-hexene copolymer	Ethylene-1-hexene copolymer	25213-02-9	15-25
Trade secret substances			<1

Components not listed do not contain hazardous/hazardous substances according to the Occupational Safety and Health Act.

#### 4. FIRST AID MEASURES

# 1) Following eye contact

- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Seek immediate medial assistance.

#### 2) Following skin contact

- For minor skin contact, avoid spreading material on unaffected skin.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.



- Remove and isolate contaminated clothing and shoes.
- Seek immediate medial assistance.
- 3) Following inhalation
  - Administer oxygen if breathing is difficult.
  - Give artificial respiration if victim is not breathing.
  - If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
  - Keep victim warm and quiet.
  - Move to fresh air.
- 4) Following ingestion
  - Seek immediate medial assistance.
- 5) Advice to physician
  - Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

#### 5. FIRE FIGHTING MEASURES

- 1) Suitable (and unsuitable) extinguishing media
  - O Suitable extinguishing media
    - CO2.
    - Dry chemical.
    - Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
    - Use dry sand or earth to smother fire.
    - Water spray.
  - o Unsuitable extinguishing media
    - Direct water.
- 2) Special hazards arising from the substance or mixture
  - o Pyrolytic product
    - Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
  - o Risk of fire and explosion
    - Containers may explode when heated.
    - Some may burn but none ignite readily.
  - o Other
    - No data available
- 3) Special protective equipment for firefighters
  - Dike fire-control water for later disposal; do not scatter the material.
  - Evacuate area and fight fire from a safe distance.
  - Fire involving Tanks: ALWAYS stay away from tanks engulfed in fire.



- Fire involving Tanks: Cool containers with flooding quantities of water until well after fire is out.
- Fire involving Tanks: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Fire involving Tanks: For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.
- Fire involving Tanks: Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- Move containers from fire area if you can do it without risk.
- Substance may be transported in a molten form.

#### 6. ACCIDENTAL RELEASE MEASURES

- 1) Health considerations and protective equipment
  - Clean up spills immediately, observing precautions in Protective Equipment section.
  - Cover with plastic sheet to prevent spreading.
  - Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
  - ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
  - Please note that materials and conditions to be avoided.
  - Stop leak if you can do it without risk.
- 2) Environmental precautions
  - Prevent entry into waterways, sewers, basements or confined areas.
- 3) For cleaning up
  - Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
  - Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.
  - Absorb the liquid and scrub the area with detergent and water.

#### 7. HANDLING AND STORAGE

- 1) Precautions for safe handling
  - Avoid breathing vapors from heated material.
  - Do not enter storage area unless adequately ventilated.
  - Follow all MSDS/label precautions even after container is emptied because they may retain product residues.
  - Handling refer to engineering control/personal protection section.
  - Loosen closure cautiously before opening.
  - Please note that materials and conditions to be avoided.
  - Use care in handling/storage.
  - Use only in a well-ventilated area.
- 2) Conditions for safe storage (including any incompatibilities)
  - Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

#### 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
Ethylene-1-hexene copolymer		TWA : Not applicable STEL : Not applicable	Not applicable
Trade secret substances	TWA : Not applicable STEL : Not applicable	TWA : Not applicable STEL : Not applicable	Not applicable

#### 2) Appropriate engineering controls

- If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### 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	Pellet
Physical state	Solid
Colour	Yellow(Translucent)
Odour	Odorless
Odour threshold	No data available
рН	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability(solid, gas)	No data available



No data available
No data available
No data available
No data available
0.910~0.938
No data available
330~410°C
No data available
No data available
100,000~500,000

### 10. STABILITY AND REACTIVITY

- 1) Stability and hazardous reactivity
  - Containers may explode when heated.
  - Fire may produce irritating, corrosive and/or toxic gases.
  - Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
  - Some may burn but none ignite readily.
- 2) Conditions to avoid
  - Ignition source(heat, spark, flame, etc.).
- 3) Incompatible materials
  - Combustibles, reducing material.
- 4) Hazardous decomposition products
  - Corrosive/toxic fume.
  - Irritating, corrosive and/or toxic gas.

#### 11. TOXICOLOGICAL INFORMATION

- 1) Exposure route information
  - o Inhalation
    - May cause respiratory irritation
  - Skin Contact
    - Not applicable
  - o Eye Contact
    - Not applicable
  - o Ingestion



- Not applicable

#### 2) Health hazard information

- Acute toxicity
  - Acute toxicity(Oral) PRODUCT : Not classified
    - Polyethylene: LD50> 8000 mg / kg experimental species: Rat, Source: RTECS
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances : LD50> 6000 mg / kg experimental species: Rat, Source: OECD Screening Information Data Set(http://cs3-hq.oecd.org/scripts/hpv/)
  - Acute toxicity(Dermal) PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances: LD50> 2000 mg / kg experimental species: Rat (GLPdata), Source: OECD Screening Information Data Set(http://cs3-hq.oecd.org/scripts/hpv/)
  - Acute toxicity(Inhalation:Gases) PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances : No data available
  - Acute toxicity(Inhalation:Vapours) PRODUCT: Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances : No data available
  - Acute toxicity(Inhalation:Dust/mist) PRODUCT : Not classified
    - Polyethylene: LC50 75.5 mg /  $\ell$  30 min experimental species: Rat, Source: RTECS
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances : No data available
- o Skin corrosion/irritation PRODUCT : Not classified
  - Polyethylene : No data available
  - Ethylene-1-hexene copolymer : No data available
  - Trade secret substances : Reported that rabbit skin irritation, Source: International Uniform Chemical Information Database(IUCLID)(http://ecb.jrc.it/esis)
- o Serious eye damage/eye irritation PRODUCT : Not classified
  - Polyethylene : No data available
  - Ethylene-1-hexene copolymer : No data available



- Trade secret substances : - High corrosion reaction to rabbit eye, Source: SIDS

o Respiratory sensitization PRODUCT : Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances : No data available

Skin sensitization PRODUCT : Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances : - Reported that guinea pig skin sensitization, Source: International Uniform Chemical Information Database(IUCLID)(http://ecb.jrc.it/esis)

o Carcinogenicity PRODUCT : Not classified

- Polyethylene: 3 (IARC), Source: IARC

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances : No data available

o Germ cell mutagenicity PRODUCT : Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances: speech in a limited test for bacterial gene mutation induction. clastogenicity in vivo bone marrow testing for (in both the hamster and in the micronucleus test medium analysis) also negative. Voice from the dominant lethal test in mice. The results also suggest that the substance is not any possibility of mutation., Source: OECD Screening Information Data Set(http://cs3-hq.oecd.org/scripts/hpv/)
- o Reproductive toxicity PRODUCT : Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances: 292.6 mg / kg bw / day in rats at concentrations experimental results for three of the second generation did not have any adverse effects on reproductive parameters. In 1030 mg / kg bw / day the concentration was decreased birth index of F0 generation. At high concentrations, such as 1,030 mg / kg bw / day reduces the weight of the fetal F2 generation. NOAEL for reproduction evaluation is 292.6 mg / kg bw / day., Source: OECD Screening Information Data Set(http://cs3-hq.oecd.org/scripts/hpv/)
- Specific target organ toxicity single exposure PRODUCT : Category 3(Respiratory tract irritation)
  - Polyethylene : If breathing dust causes inflammation of the lungs in laboratory animals (rats)., Source: Kochetkova, 1971

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances : No data available

o Specific target organ toxicity repeated exposure PRODUCT : Not classified

- Polyethylene : No data available



- Ethylene-1-hexene copolymer : No data available
- Trade secret substances: rats, 13 weeks, NOAEL> 147mg / kg- women only absolutely increasing the weight of the kidneys, increased kidney weight was equal to the importance of toxicology. It was not supported by the histopathological changes., Source: International Uniform ChemicaL Information

  Database(IUCLID)(http://ecb.jrc.it/esis)
- o Aspiration hazard PRODUCT : Not classified
  - Polyethylene : No data available
  - Ethylene-1-hexene copolymer : No data available
  - Trade secret substances : No data available

#### 12. ECOLOGICAL INFORMATION

- 1) Aquatic toxicity
  - Fish>PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer: No data available
    - Trade secret substances : LC50> 100 mg / ℓ 96 hr Brachydanio rerio (), Source: ECHA registration materials
  - Crustacea>PRODUCT: Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances : No data available
  - Aquatic algae>PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances : EC50> 75.2 mg /  $\ell$  72 hr Desmodesmus subspicatus (), Source: ECHA registration materials
- 2) Persistence and degradation
  - n-octanol water partition coefficient>PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : (Not applicable)
    - Trade secret substances : (> 6, calculated), Source: International Uniform ChemicaL Information Database(IUCLID)(http://ecb.jrc.it/esis)
  - Degradation>PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer: No data available
    - Trade secret substances : No data available
  - Biodegradation>PRODUCT : Not classified
    - Polyethylene : No data available
    - Ethylene-1-hexene copolymer : No data available
    - Trade secret substances: 6 (%) 28 day (), Source: IUCLID



3) Bioaccumulative potential>PRODUCT: Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances : 4.66 (), Source: IUCLID

4) Mobility in soil>PRODUCT: Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer: No data available

- Trade secret substances : No data available

5) Other adverse effects>PRODUCT : Not classified

- Polyethylene : No data available

- Ethylene-1-hexene copolymer : No data available

- Trade secret substances : 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, storn 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

PRODUCT: Not applicable

2) Toxic Chemical Control Act in Korea

PRODUCT: Not applicable

3) Safety Control of Dangerous Substances Act in Korea

PRODUCT: Not applicable

4) Wastes Control Act in Korea PRODUCT : Designated waste

-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
  - PERSISTENT ORGANIC POLLUTANTS CONTROL ACT
  - Act on the registration and evaluation of chemicals PRODUCT: Existing Commercial Chemical Substances
  - Polyethylene: Existing Commercial Chemical Substances
  - Ethylene-1-hexene copolymer: Existing Commercial Chemical Substances
  - Trade secret substances : Existing Commercial Chemical Substances

#### 16. OTHER INFORMATION

- 1) Reference
  - CERI
  - Directivw 87/302/EEC, GLP . IUCLID
  - ECHA Registered substances
  - ECHA registration materials
  - EU IUCLID
  - IUCLID
  - International Uniform Chemical Information Database(IUCLID)(http://ecb.jrc.it/esis)
  - Kochetkova, 1971
  - Ministry of Employment and Labor
  - Ministry of Environment



- NCIS existing chemical safety testing
- OECD SIDS
- OECD SIDS, EU IUCLID
- OECD Screening Information Data Set(http://cs3-hq.oecd.org/scripts/hpv/)
- OECD TG 301 C . OECD SIDS
- OECD TG404, OECD SIDS
- OECD TG423, Ministry of existing chemical safety testing (2001-2004)
- Quantitative Structure Activity Relation(QSAR)
- RTECS
- SIDS
- 2) Print date: 2022-04-28
- 3) Revision date
  - o Revised date count : 0
  - o Last revised date: 2022-04-28
  - o Last revised history :
- 4) Other