

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : HDPE BL6200

**Recommended use of the chemical and restrictions on use**

Recommended use : Raw material for industry  
Polymer

Restrictions on use : No data available

**Manufacturer or supplier's details**

Company : Lotte Chemical Corporation

Address : 51, Lotte Tower, Boramae-ro 5-gil,  
Dongjak-Gu, Seoul, 156-711 Korea

Emergency telephone number : Head-Office 82-2-829-4192  
Yeosu Plant 82-61-688-2021  
Daesan Plant 82-41-689-5800  
Ulsan Plant 82-52-278-3421

**2. HAZARDS IDENTIFICATION****GHS Classification**

No data available

This material is not classified as hazardous under the Article 39 Paragraph 1 of the Industrial Safety and Health Act (ISHA). It is not regulated for the MSDS creation and labeling by the provision of Article 41 Paragraph 1 of the ISHA.

**GHS Label element**

This material is not classified as hazardous under the Article 39 Paragraph 1 of the Industrial Safety and Health Act (ISHA). It is not regulated for the MSDS creation and labeling by the provision of Article 41 Paragraph 1 of the ISHA.

**Other hazards which do not result in classification**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Components**

Chemical Name	Common Name	CAS-No.	Concentration (%)
Polyethylene	Polyethylene	9002-88-4	>= 95 ~ <= 100

**4. FIRST AID MEASURES**

General advice : No hazards which require special first aid measures.

In case of eye contact : Flush eyes with water as a precaution.

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	Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
If inhaled	: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	: None known.
Protection of first-aiders	: No data available
Notes to physician	: No data available

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## 5. FIREFIGHTING MEASURES

### Suitable and unsuitable extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No data available

**Specific hazards during firefighting** : No data available

Hazardous combustion products : No data available

Specific extinguishing methods : Standard procedure for chemical fires.

**Special protective equipment for firefighters** : In the event of fire, wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.

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Environmental precautions	: No special environmental precautions required.
Methods and materials for containment and cleaning up	: Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

Advice on safe handling	: For personal protection see section 8. No special handling advice required.
Conditions for safe storage	: Keep container tightly closed in a dry and well-ventilated place.
Materials to avoid	: No special restrictions on storage with other products.
Recommended storage temperature	: No data available
Storage period	: No data available
Packaging material	: No data available

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : No data available

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: solid
Melting point/freezing	: 126 ° C

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point

Upper/Lower explosion limit

Density : 0.963 g/cm<sup>3</sup>

Auto-ignition temperature : 330 ° C

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## 10. STABILITY AND REACTIVITY

Chemical stability and possibility of hazardous reactions : Stable under recommended storage conditions.  
No decomposition if stored and applied as directed.  
No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : No data available

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## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : No data available

### Health hazard information

#### Acute toxicity

No data available

#### Skin corrosion/irritation

##### Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

#### Serious eye damage/eye irritation

##### Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

#### Respiratory or skin sensitisation

##### Product:

Remarks: No data available

#### Carcinogenicity

No data available

**Germ cell mutagenicity**

No data available

**Reproductive toxicity**

No data available

**STOT – single exposure**

No data available

**STOT – repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information****Product:**Remarks: No data available

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

**Product:**Additional ecological information : There is no data available for this product.

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**13. DISPOSAL CONSIDERATIONS****Disposal methods**

- Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Disposal precautions**

Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION****International Regulation****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

UN number	: Not applicable
Proper shipping name	: Not applicable
Class	: Not applicable
Subsidiary risk	: Not applicable
Packing group	: Not applicable
Labels	: Not applicable
EmS Code	: Not applicable
Marine pollutant	: Not applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

Refer to section 15 for specific national regulation.

**Special precautions for user**

Remarks : Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION****National regulatory information****Industrial Safety and Health Act****Harmful Substances Prohibited from Manufacturing**

Not relevant

**Harmful Substances Required Permission for Manufacture**

Not relevant

**Controlled Hazardous Substances**

Not relevant

**Controlled Substances Subject to Environment Monitoring**

Not relevant

**Controlled Substances Subject to Health Examination**

Not relevant

**Toxic Chemicals Control Act**

**Toxic Chemicals**

Not relevant

**Observational chemicals**

Not relevant

**Restricted Chemicals**

Not relevant

**Prohibited Chemicals**

Not relevant

**Toxic Release Inventory**

Not relevant

**Accident Precaution Chemicals**

Not relevant

**Dangerous Substances Safety Management Act**

Not Applicable to Dangerous Materials

**Wastes Control Act**

Industrial waste

Follow article 13 of the act to dispose the product waste

**Other requirements in domestic and other countries**No data available

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**16. OTHER INFORMATION**

Sources of key data used : No data available  
to compile the Safety Data  
Sheet

**Revision number and date**

Number of Revision : 1.0

Revision Date : 2015/02/23

Other information : No data available

Date format : yyyy/mm/dd

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