

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PP SFC-750R

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

Recommended use : Polymer  
Raw material

Restrictions on use : No data available

### Manufacturer or supplier's details

Company : Lotte Chemical Corporation

Address : Lotte World Tower, 300, Olympic-ro,  
Songpa-gu, Seoul, 05551 Rep. of 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 elements

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 (%) |
|---|---|--------------|-------------------|
| Trade Secret                                | Trade Secret                                | Trade Secret | < 1               |
| 1-Butene, polymer with ethene and 1-propene | 1-Butene, polymer with ethene and 1-propene | 25895-47-0   | >= 95 ~ <= 100    |

## 4. FIRST AID MEASURES

|   |  |
|---|--|
| General advice  | : Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.   |
| In case of eye contact                                      | : Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.  |
| In case of skin contact                                     | : No data available  |
| If inhaled  | : If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.  |
| If swallowed  | : Induce vomiting immediately and call a physician.<br>Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |
| 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                | : Dry sand<br>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.   |
| Unsuitable extinguishing media              | : High volume water jet  |
| <b>Specific hazards during firefighting</b> | : Do not allow run-off from fire fighting to enter drains or water courses.  |
| Hazardous combustion products               | : No data available  |
| Specific extinguishing methods              | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regula- |

tions.

**Special protective equipment for firefighters** : Wear self-contained breathing apparatus for fire-fighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

Advice on safe handling : Avoid formation of respirable particles.  
Do not breathe vapours/dust.  
Avoid exposure – obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No data available

Recommended storage temperature : No data available

Storage period : No data available

Packaging material : No data available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

No data available

**Engineering measures** : No data available**Personal protective equipment****Respiratory protection** : In the case of dust or aerosol formation use respirator with an approved filter.  
Dust safety masks are recommended when the dust concentration is more than 10 mg/m<sup>3</sup>.**Eye protection** : Eye wash bottle with pure water  
Tightly fitting safety goggles**Hand protection**  
**Remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves.**Skin and body protection** : Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.**Hygiene measures** : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance** : Solid form**Melting point/freezing point** : 132 ° C**Upper/Lower explosion limit****Density** : 0.9 g/cm<sup>3</sup>

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**10. STABILITY AND REACTIVITY****Chemical stability and possibility of hazardous reactions** : No decomposition if stored and applied as directed.  
Stable under recommended storage conditions.  
No hazards to be specially mentioned.**Conditions to avoid** : No data available**Incompatible materials** : No data available

Hazardous decomposition : No data available  
products

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## 11. TOXICOLOGICAL INFORMATION

Information on likely : No data available  
routes of exposure

### 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

**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.

**Hazardous to the ozone layer**Not applicable

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

Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

**Disposal precautions**Dispose of in accordance with local regulations.

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**14. TRANSPORT INFORMATION****International Regulations****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

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## PP SFC-750R

Version 1.7

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.

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**15. REGULATORY INFORMATION****National regulatory information**

**Regulation under the Occupational Safety and Health Act**

**Harmful Substances Prohibited from Manufacturing**

Not applicable

**Harmful Substances Required Permission for Manufacture**

Not applicable

**Hazardous substances requiring management**

Not applicable

**Controlled Substances Subject to Environment Monitoring**

Not applicable

**Controlled Substances Subject to Health Examination**

Not applicable

**Act on the Registration and Evaluation, etc. of Chemical Substances, Chemicals Control Act**

**Toxic Chemicals**

Not applicable

**Restricted Chemicals**

Not applicable

**Prohibited Chemicals**

Not applicable

**Toxic Release Inventory**

Not applicable

**Accident Precaution Chemicals**

Not applicable

### **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**

### **Further information**

Sources of key data used : Information taken from reference works and the literature to compile the Safety Data Sheet.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.