1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PP H1500

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 : 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 (%)
Polypropylene	Polypropylene	9003-07-0	>= 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.

	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

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.

6. ACCIDENTAL RELEASE MEASURES

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

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.

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid form
Melting point/range	: 160 ° C

Upper/Lower explosion limit		
Solubility(ies)		
Water solubility	:	insoluble
Density	:	0.9 g/cm3
Auto-ignition temperature	:	330 ° C

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

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

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.

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

16. OTHER INFORMATION

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

Revision number and date

Number of Revision	: 1.0
Revision Date	: 2015/02/26
Other information	: No data available
Date format	: yyyy/mm/dd

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.