PT LOTTE CHEMICAL INDONESIA

SAFETY DATA SHEET (SDS)

1. IDENTIFICATION

Product Name	FI-150
Other means of Identification	Polypropylene homopolymer
Recommendation of Use	
Recommended use of the chemical	Feed Materials, Intermediates
Restrictions on use	Use for recommended use only Do not use it for weapons manufacturing and related purposes.
Manufacturer	PT Lotte Chemical Indonesia
Address	Head Office: Mangkuluhur City, Tower One, 32nd Floor, Jl.Jenderal Gatot Subroto, Kav 1-3. Jakarta 12930, Indonesia Site Office: Jl. Raya Merak Km.116 Rawa Arum, Pulomerak Cilegon 42436, Indonesia
Telephone Number	+62-212-7883200
Emergency Telephone Number	+62-254-2251190

2. HAZARD IDENTIFICATION

Hazard Classification	This product is not a hazardous product according to the Globally Harmonized System for Classification and Labeling (GHS)
GHS Label Ellement	
Signal Word	NOT APPLICABLE
Hazard Statement	No data available
Precautionary Statements	- Prevention No data available - Response No data available - Storage No data available
Pictogram	
Other hazards which do not result in classification	This product does not affect harmful effects when using and handling it as a regulation

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Chemical Name	Polypropylene
Common Name	Polypropylene/Homopolymer/Polypropylene wax
CAS Number	9003-07-0

Chemical Name	CAS Number	Content (wt%)
Polypropylene homopolymer	9003-07-0	>=95 ~ <=100

4. FIRST-AID MEASURES

Description of necessary measures	
Eye Contact	Call a physician immediately

Inhalation	If symptoms persist, call a physician. Move to fresh air
Skin Contact	Get medical attention. If irritation develops and persists. Remove contaminated clothing and shoes.
Ingestion	If accidentally swallowed obtain immediate medical attention.
Most important symptoms / effects, acute and delayed	No data available
Note to Physician	In the case of accident or if you feel unwell, seek medical advice immediately.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazard arising from chemical	1) Pyrolytic product : No data available 2) Risk of fire and explosion : Heating or fire can release toxic gas. 3) Other : may cause toxic effects, if inhaled.
Special Protective Equipment for Fire-fighter	In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

Personal precautions, protective equipment	Avoid dust formation.
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Methods and Materials for Containment and Cleaning up	1) Keep in suitable, closed containers for disposal. 2) Pick up and arrange disposal without creating dust.

7. HANDLING AND STORAGE

Precautions for Safe Handling	1) For personal protection see section 8. 2) Smoking, eating and drinking should be prohibited in the application area.
Conditions for Safe Storage, including Incompatibilities	1) Please note that materials and conditions to be avoided. 2) Store in a dry place. Store in a closed container.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Occupational exposure limit values or biological limit values	Contains no substances with occupational exposure limit values.

Ref	Component	CAS Number	Biological exposure Indices(BEI)

Appropriate engineering controls	Ensure adequate ventilation and exhaust ventilation at the workplace.
Individual protection measures, such as personal protective equipment	
Respiratory Protection	If you have a direct contact or exposed to the material, wear the appropriate form of respiratory protection certified.
Hand Protection	Wear chemical safety gloves.
Eye Protection	If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.
Skin and Body Protection	Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

SAFETY DATA SHEET (SDS)

9. PHYSICAL AND CHEMICAL PROPERTIES

Property Name	Values	Source
Appearance		
Physical State	Solid	National Library of Medicine/Hazardous Substances Data Bank(NLM/HSDB)
Colour	Translucence	National Library of Medicine/Hazardous Substances Data Bank(NLM/HSDB)
Odor	Odorless	National Library of Medicine/Hazardous Substances Data Bank(NLM/HSDB)
Odor Threshold	No data available	
pH	No data available	
Melting point	150 - 170 ℃	The Merck Index 13th Ed.
Boiling point/ boiling range	No data available	
Flammibility	No data available	
Flash Point	No data available	
Evaporation rate	No data available	
Lower explosion limit	No data available	
Upper explosion limit	No data available	
Vapour Pressure	No data available	
Vapour density	No data available	
Density and/or relative density	No data available	
Solutibility	No data available	
n-octanol/water partition coefficient	0.89 - 0.91 g/cm3	
Auto Ignition Temperature	Insolubility	
Decomposition Temperature	No data available	
Viscosity	> 380 ℃	
	> 300 ℃	
	No data available	

10. STABILITY AND REACTIVITY

Chemical stability and reactivity	1) No decomposition if stored and applied as directed. 2) Stable at normal ambient temperature and pressure.
Possibility of Hazardous Reaction	No data available
Condition to Avoid	Follow precautionary advice and avoid incompatible materials and conditions
Incompatible materials	Combustible material
Hazardous Decompotion Product	This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulation

11. TOXICOLOGICAL INFORMATION

Comprehensive description of toxicological/health effects	
Acute Toxicology	1) Acute toxicity (Oral) - LD50 >8000 mg/kg Test species: Rat 2) Acute toxicity(Dermal) - No data available 3) Acute toxicity(Inhalation:Gases) - No data available 4) Acute toxicity(Inhalation:Vapours) - No data available 5) Acute toxicity(Inhalation:Dust/mist) - No data available
Skin corrosion/irritation	No data available

SAFETY DATA SHEET (SDS)

Serious Eye Damage/Irritation	No data available
Respiratory/ Skin sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	3 (IARC)
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicology	No data available
Persistence and Degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Environmental Adverse Effect	No data available

13. DISPOSAL CONSIDERATION

Disposal Method	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Hazardous according to ADR, IMDG, ICAO/IATA DGR transportation regulations.

UN Number	- Not arranged for transportation
UN Proper Shipping Name	- Not arranged for transportation
Transport Hazard Class	

	Hazard Class or Division	
Transport by road/rail (ADR)		
Tunnel Restriction: -		
Transport by sea (IMDG)		
Transport by air (IATA)		

Packing Group	- Not arranged for transportation
Marine Pollutant	- Not arranged for transportation
Special Precaution for user	- Not arranged for transportation
Other Transport Information	- Not arranged for transportation

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question.

PT LOTTE CHEMICAL INDONESIA

SAFETY DATA SHEET (SDS)

National Legislation	1. Peraturan Pemerintah Republik Indonesia, Nomor 74 Tahun 2001 Tentang Pengelolaan Bahan Berbahaya dan Beracun 2. Peraturan Menteri Perindustrian Nomor 23/M?IND/PER/4/2013 tentang Perubahan Atas Peraturan Menteri Perindustrian Nomor 87/M?IND/PER/9/2009 Tentang Sistem Harmonisasi Global Klasifikasi dan Label pada Bahan Kimia 3. Keputusan Menteri Tenaga Kerja No Kep?187/Men/1999 tentang Pengendalian Bahan Kimia Berbahaya

Global inventory status

Country/Region	Inventory	Status
Australia	AICS	1-Propene, homopolymer : Present CR no. 11892.
Canada	DSL	1-Propene homopolymer : Present CEVA, 1999 Subsection 73(1)
China	IECSC	Polypropylene : Present [21278]
Europian Union (EU)	EINECS	
United States (US)	TSCA	1-Propene, homopolymer : Present (ACTIVE)
Japan	ENCS	Polymer of prop-1-ene : Present (6)-402
New Zealand	NZIoC	1-Propene, homopolymer : May be used as a single component chemical under an appropriate group standard
Taiwan	TCSI	1-Propene, homopolymer : Present
Vietnam	NCI	Polypropylene : Present [12100]

16. OTHER INFORMATION

Issue Date	24/09/2024
Revision Date	- Revised date count : - - Last revised date : -

Abbreviations that may have been used in this document

Abbreviations	Contents
ENCS	Existing and New Chemical Substances
HSDB	Hazardous Substances Data Bank
IATA	International Air Transport Association
ICSC	International Chemical Safety Cards
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
IECSC	Inventory of Existing Chemical Substances in China
INCHEM	Internationally Peer Reviewed Chemical Safety Information
KOSHA	Korea Occupational Safety and Health Agency
NCI	National Chemical Inventory (Vietnam)
TSCA	Toxic Substances Control Act
NZIoC	New Zealand Inventory of Chemicals
TCSI	Taiwan Chemical Substance Inventory
DSL	Domestic Substances List in Canada
AICS	Australian Inventory Industrial Chemical
EINECS	European Inventory of Existing Commercial Chemical Substance

PT LOTTE CHEMICAL INDONESIA

SAFETY DATA SHEET (SDS)

List of references and literature sources for data used in compiling the MSDS

NCIS, KOSHA, Montreal Protocol, ECHA, OECD SIDS, EU IUCLID, HSDB(PubChem), NITE, NTP, ACGIH, IARC, NIOSH, ChemIDplus, EPA, EPI Suite, INCHEM

This Safety Data Sheet is based on data considered accurate at the time of its preparation. User should consider the data as supplemental to other information and make independent determination of its suitability to assure the proper use and disposal of the product describe in here. LCI is not liable for damage or injury resulting from abnormal use, from failure to follow proper practices or from hazards inherent in the nature of the product.