

# GUANGDONG WONDER TESTING INTERNATIONAL CO., LTD.

## SAFETY DATA SHEETS

Report No.: WDX23070623EN  
Applicant: SINOPEC HAINAN REFINING &  
CHEMICAL CO.,LTD.  
Address: No. 1, Yangpu Avenue, Yangpu Economic  
and Technological Development Zone,  
Danzhou City, Hainan Province  
Date: Jul ,26, 2023

Edited by:

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Approved by:

*Candy Ye*

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Date: Jul. 26, 2023

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**Applicant:** SINOPEC HAINAN REFINING & CHEMICAL CO.,LTD.

**Address:** No. 1, Yangpu Avenue, Yangpu Economic and Technological Development Zone, Danzhou City, Hainan Province

The following merchandise was (were) submitted and identified by client as:

**Sample Name:** Polypropylene resin

**Number of Sample:** 1pc

**Brand:** PPH-T03

**Sample Received Date:** Jul 20, 2023

**Completed Date:** Jul 26, 2023

**Test Result(s):** Please refer to next page(s).

**Test Requested and Conclusion(s):**

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Submitted sample	Material Safety Data Sheet for the submitted samples in according to GHS and European Regulation No.1272/2008, No.1907/2006 and its amendments	DATA

Section 1 Identification of the substance/ mixture and of the company/ undertaking	
1.1	Product identifier
	Product form Articles
	Product Name Polypropylene resin
	Model/Type PPH-T03
	Model may cover /
	CAS No. Refer to section 3
	Type of product Articles
	Chemical structure Refer to section 3
	Synonyms /
	Product group Articles
1.2.1	Relevant identified uses
	Main use category Raw industrial materials
	Use of the substance / article For more detail information, see technical data sheet
1.2.2	Uses advised against
	No additional information available
1.3	Details of the supplier of safety data sheet
	Applicant SINOPEC HAINAN REFINING & CHEMICAL CO.,LTD.
	TEL +86 0898 28820123
	Fax +86 0898 28820710
	E-mail wangsg.hnlh@sinopec.com
1.4	Emergency telephone number TEL +86 0898 28820123
1.5	UFI Code 80TJ-7GGQ-YN07-5UPA
Section 2 Hazards identification	
2.1	Classification of the substances or mixture
	Category Classification (REGULATION (EC) No 1272/2008) Not a hazardous substance or mixture.
2.2	Label elements
	Pictogram Not a hazardous substance or mixture.
	Signal word Not a hazardous substance or mixture.
	Hazard statement(s) Not a hazardous substance or mixture.
	Precautionary statement(s) Not a hazardous substance or mixture.
2.3	Other hazards
	May form combustible dust - air mixtures.

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2.4	Results of PBT and vPvB assessment	
	PBT	No PBT substances
	vPvB	No vPvB substances

### Section 3 Composition/ information on ingredients

3.1	Substance
	Not substances, but preparation. The formulation, please refer to 3.2.

3.2	Composition												
	<table border="1"> <thead> <tr> <th>Name</th> <th>CAS No.</th> <th>EC No.</th> <th>Concentration, %</th> </tr> </thead> <tbody> <tr> <td>Poly Propylene 007 111 211</td> <td>9003-07-0</td> <td>618-352-4</td> <td>99.85</td> </tr> <tr> <td>Additives 007 114 214</td> <td>/</td> <td>/</td> <td>0.15</td> </tr> </tbody> </table>	Name	CAS No.	EC No.	Concentration, %	Poly Propylene 007 111 211	9003-07-0	618-352-4	99.85	Additives 007 114 214	/	/	0.15
Name	CAS No.	EC No.	Concentration, %										
Poly Propylene 007 111 211	9003-07-0	618-352-4	99.85										
Additives 007 114 214	/	/	0.15										

### Section 4 First-aid measures

4.1	Description of first aid measures										
	<table border="1"> <tr> <td>General advice</td> <td>No hazards which require special first aid measures.</td> </tr> <tr> <td>If inhaled</td> <td>Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.</td> </tr> <tr> <td>In case of skin contact</td> <td>If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.</td> </tr> <tr> <td>In case of eye contact</td> <td>If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.</td> </tr> <tr> <td>If swallowing</td> <td>Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.</td> </tr> </table>	General advice	No hazards which require special first aid measures.	If inhaled	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.	In case of skin contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.	In case of eye contact	If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.	If swallowing	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
General advice	No hazards which require special first aid measures.										
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If swallowing	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.										
4.2	Most important symptoms and effects, both acute and delayed	No information available.									
4.3	Indication of any immediate medical attention and special treatment needed	No information available.									

### Section 5 Firefighting measures

5.1	Extinguishing media				
	<table border="1"> <tr> <td>Suitable extinguishing media</td> <td>If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).</td> </tr> <tr> <td>Unsuitable extinguishing media</td> <td>Not applicable</td> </tr> </table>	Suitable extinguishing media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).	Unsuitable extinguishing media	Not applicable
Suitable extinguishing media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).				
Unsuitable extinguishing media	Not applicable				
5.2	Special hazards arising from the substance or mixture	Combustible material.			
5.3	Advice for firefighters	On burning or decomposing may emit toxic fumes. Fire fighters to wear selfcontained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.			

5.4	<b>Additional information</b>	No information available
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### Section 6 Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures
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**SMALL SPILLS**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

**LARGE SPILLS**

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

6.2 Environmental precautions

If contamination of crops, sewers or waterways has occurred advise local emergency services.

6.3 Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Molten form Allow to solidify, use mechanical handling equipment.

6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**Section 7 Handling and storage**

7.1 Precautions for safe handling

Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**Section 8 Exposure controls/personal protection**

8.1 Control parameters

Occupational Exposure Limits      No OELs

Engineering      Natural ventilation should be adequate under normal use conditions.

8.2 Personal protective equipment

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.  
Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.  
Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.  
Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

Control of environmental exposure      Water: Do not flush into surface water or sanitary sewer system.

**Section 9 Physical and chemical properties**

9.1 Information on basic physical and chemical properties

Physical state

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Appearance	Solid granules
Color	clear
Odor	no odor
Odor threshold	No data available
pH, 20°C	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Relative vapor density at 20°C	No data available
Relative density	No data available
Density	No data available
Solubility	insoluble in water
Log Pow	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available
9.2	Other information
	Minimum ignition energy
	VOC content

## Section 10 Stability and reactivity

10.1	REACTIVITY
	No decomposition if stored and applied as directed.
10.2	CHEMICAL STABILITY
	This material is thermally stable when stored and used as directed.
10.3	POSSIBILITY OF HAZARDOUS REACTIONS
	No known hazardous reactions.
10.4	CONDITIONS TO AVOID
	Elevated temperatures and sources of ignition.
10.5	INCOMPATIBLE MATERIALS

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Oxidising agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of carbon and nitrogen, smoke and other toxic fumes.

**Section 11 Toxicological information**

11.1 Information on toxicological effects

Acute toxicity	Inhalation: This material has been classified as non-hazardous.
Skin corrosion/irritation	Skin: this material has been classified as not corrosive or irritating to skin.
Serious eye damage/eye irritation	Eye: this material has been classified as not corrosive or irritating to eyes.
Respiratory or skin sensitization	Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
Germ cell mutagenicity	This material has been classified as non-hazardous.
Carcinogenicity	This material has been classified as non-hazardous.
Reproductive toxicity	This material has been classified as non-hazardous.
Specific target organ toxicity - single exposure	This material has been classified as non-hazardous.
Specific target organ toxicity - repeated exposure	This material has been classified as non-hazardous.
Aspiration hazard	This material has been classified as non-hazardous.
Additional Information	No known information available for the product.

**Section 12 Ecological information**

12.1 Toxicity

This material has been classified as non-hazardous.

12.2 Persistence and degradability

No information available.

12.3 Bio-accumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Results of PBT assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Aquatic toxicity is unlikely due to low solubility. Wildlife may ingest plastic pellets or bags which while not toxic, may physically block the digestive system which can cause death

**Section 13 Disposal considerations**

13.1 Waste treatment methods

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS. If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

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Waste treatment methods	Dispose of in accordance with local regulations.
Waste management (disposal and evaluation)	Packaging that cannot be cleaned should be disposed of as product waste
Contaminated packaging	Dispose of contents/container in according to the local regulation.

## Section 14 Transport information

D.O.T. Shipping Information: Not regulated as a hazardous material for transportation under 49 CFR  
D.O.T. Hazard Class: Non-hazardous  
UN Classification: Not regulated

In accordance with ADR / RID / IMDG / IATA / ADN

	ADR	IMDG	IATA	AND	RID
14.1 UN Number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)	Not required	Not required	Not required	Not required	Not required
14.4 Packing Group	Not required	Not required	Not required	Not required	Not required
14.5 Environmental hazards	Not required	Not required	Not required	Not required	Not required
14.6 Special precautions for user	Overland transport                      Not classified as Dangerous Transport by sea (IMDG)                Not classified as Dangerous Air transport (IATA)                      Not classified as Dangerous Inland waterway transport                Not classified as Dangerous Rail transport                                Not classified as Dangerous				
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	No related information available				

## Section 15 Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Contains no REACH substances with Annex XVII restrictions. Contains no substance on the REACH candidate list. Contains no REACH Annex XIV substances.
15.2	Chemical safety assessment The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterization is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

## Section 16 Other information

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Legislation related to safety data sheets	GHS and European Regulation No.1272/2008, No.1907/2006 and its amendments.
Texts of the legislative phrases mentioned in section 3	Not applicable
Advice related to training	Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.
Abbreviations and acronyms	Asp. Tox. Aspiration hazard Carc. Carcinogenicity Eye Irrit. Eye irritation Flam. Liq. Flammable liquids H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H319 Causes serious eye irritation. H340 May cause genetic defects. H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. Muta. Germ cell mutagenicity Skin Corr. Skin corrosion Skin Irrit. Skin irritation STOT RE Specific target organ toxicity - repeated exposure
Other information	Training staff on good manufacturing practice. Manipulations are to be done only by qualified and authorized persons. Use good personal hygiene practices.

**SDS**

This information applies to the PRODUCT AS SUCH and conforming to specifications of the company. In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear. The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely. Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive. It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product. It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product. (usage, storage, cleaning of containers, other processes). The totality of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.

**Disclaimer**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new product.

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