

## Material Safety Data Sheet

# 材料安全数据表

### 1. Chemical and Enterprise Identification (化学品及企业标识)

**Product Name:** PET BOTTLE GRADE CHIPS

**产品名称:** 瓶级聚酯切片

**chemical name:** Polyethylene terephthalate (PET) resin for bottles

**化学名称:** 瓶用聚对苯二甲酸乙二酯 (PET) 树脂

**Supplier:** Hainan Yisheng petrochemical co., LTD

**供应商:** 海南逸盛石化有限公司

**ADD:** Petrochemical Industry Area, West Binhai Road, Yangpu Economic Development Zone, Hainan, China

**地址:** 中国海南省洋浦经济开发区滨海大道西侧石化功能区

**P.C:** 578101/邮编: 578100

**TEL/Emergency phone:** 0898-28813771      **FAX/传真:** 0898-28831000

**Serial number/编号:** AH-0012020

**Effective date/生效日期:** 2024 年 1 月 1 日

### 2. Chemical Identity (化学性质)

**Chemical characteristic:** Poly (Ethylene Terephthalate-Isophthalate)

**化学特性:** 对苯二甲酸、间苯二甲酸、乙二醇共聚酯

**CAS Number:** 25038-59-9

**CAS 码:** 25038-59-9

Molecular Formula:  $(C_{10}H_{18}O_4)_n$

分子式:  $(C_{10}H_{18}O_4)_n$

### 3. Potential dangers (潜在危险性)

No dangerous material

没有任何危险的物质

### 4. First aid measures (急救措施)

After inhalation: None

吸入后: 没有

After skin contact: Rinse contaminated skin with soap and water

皮肤接触后: 用肥皂和水冲洗污染的皮肤

After eye contact: Rinse contaminated eyes with copious amount of water

眼睛接触后: 用大量的水冲洗污染的眼睛

Information for the physician: Consider about laxe after ingestion if necessary

通知医生: 在摄食后如感到不适有需要

### 5. Measures for extinguishing (灭火措施)

Suitable Extinguisher: Water-Spray, CO<sub>2</sub>, Foam, Powder

合适的灭火器: 喷淋水、二氧化碳、泡沫、干粉

Combustion products or gases produced: H<sub>2</sub>O, CO<sub>2</sub>, if oxygen is deficient also CO

燃烧产物或气体：水、二氧化碳、如氧气不足时产生一氧化碳

## 6. Measures in case of unintentional release (以防意外排放的措施)

Safety measures related to persons: None

与人相关的安全措施：没有

Environmental measures: None

环境措施：没有

Cleaning procedure: Physical removal ( e.g. sweep up )

清洗步骤：物理清除（清扫干净）

## 7. Manipulation and storage (操作和存储)

Avoid from high temperature: no more than 150°C

避免高温：低于150°C

## 8. Personal Protection Equipment (个人防护用品)

Safety glasses, gloves, mask

安全眼镜、手套、面罩

## 9. Physical and chemical properties (理化性质)

Form: Solid

形态：固体

Color: White

颜色：白色

Smell: Odorless



气味:	无味
Melting point & range:	250±5℃
熔点及范围:	250±5℃
Crystallization:	≥45%
结晶度:	≥45%
Solubility:	Insoluble in water
溶解性:	不溶于水

#### 10. Stability and Reactivity (稳定性和反应性)

Stability: Stable

稳定性: 稳定

Reactivity: No dangerous reactions to be expected

反应性: 没有任何危险的反应

#### 11. Statement about toxicology (毒理声明)

PET is non-toxic products

聚对苯二甲酸乙二酯 (PET) 树脂是无毒的产品

#### 12. Statement about ecology (生态声明)

PET is environmentally friendly

聚对苯二甲酸乙二酯 (PET) 树脂是环保的产品

#### 13. Information about disposal (废弃物处理)

Reuse of melt, storage in official land-fills or combustion in suitable plants

熔融再利用处理，在指定土地填埋处理，或在专业的工厂焚烧处理。

#### 14. Transport (运输)

No dangerous product, according to the China transport guidelines for roads etc.

没有危险品，依据中国道路交通指南等。

#### 15. Regulatory Information (法规信息)

WHMIS (Canada) Status: non controlled

加拿大危险材料知识培训：不控制

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA public inventory. Any impurities present in this product are exempt from listing.

美国有毒物质控制法：本产品是美国毒物控制法案产品上市公众库存。本产品的任何杂质是在豁免清单内。

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): This product is listed on the DSL.

Any impurities present in this product are exempt from listing.

加拿大化学物质清单和加拿大环境保护法：本产品是在加拿大化学物质清单内，本产品的任何杂质是在豁免清单内。

EINECS (European Inventory of Existing Commercial Chemical Substances): All components of this product are listed on EINECS.

Any polymer present in this product has regulatory clearance under

Directives of the European Union.

**欧洲现有商业化学物质名录：**本产品的所有组件都在《欧洲现有商业化学物质名录》清单内，存在于本产品的任何聚合物有欧盟的指令下的监管部门的批准。

#### **16. Compliance with standards (标准符合性)**

The product satisfy the request of GB4806.1-2016 Food Safety National Standard Food contact material and product universal safety request. Basic resin satisfy the request of GB4806.06-2016 Food Safety National Standard Food contact plastic and resin. The additive satisfy the GB9685-2016 Food Safety National Standard Food contact material and additive usage standard and relevant announcement notice .The final product meets the product standard requirements of GB/T 17931-2018 "Polyethylene Terephthalate (PET) Resin for Bottles".

产品符合GB 4806.1-2016《食品安全国家标准 食品接触材料及制品通用安全要求》适用于本产品的要求，基础树脂符合GB 4806.6-2016《食品安全国家标准 食品接触用塑料树脂》要求，添加剂符合GB 9685-2016《食品安全国家标准 食品接触材料及制品用添加剂使用标准》及相关公告要求，最终产品符合GB/T 17931-2018《瓶用聚对苯二甲酸乙二酯（PET）树脂》的产品标准要求。

Compliant with REACH Regulation EU 1907/2006, Classification is

compliant with CLP Regulation EC 1272/2008。

符合欧盟REACH法规1907/2006，分类应符合CLP法规EC 1272/2008

### 17. Other information(其它信息)

The information in this data-sheet represents the state of the art according to our present day knowledge。

本数据表信息根据我们目前知识的工艺水平描述。

The information given in the data-sheet describes only the safety request for our product and do not guarantee any product properties。

数据表中所描述的信息只是为我们的产品安全要求所提供的，并不能保证所有的产品特性。

	Consumption (kg)	Percentage	CAS number
PTA	841.5	71%	100-21-0
EG	333.4	28%	107-21-1
IPA	18.5	2%	121-91-5
Total	1,193.4	100%	