

SDS Report

No. SHAHG2117507901

Date: Aug. 30, 2021

Page 1 of 1

SGS Ref. No. : CZHL2108005100TY
 Sample Name : Plyprpylene
 Manufacturer : China Petrochemical Corporation Zhenhai Refining & Chemical
 Branch :
 Country of Origin : China
 Country of Destination : USA
 End Uses : Injection molding
 Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
 Job Receiving Date : Aug 13, 2021
 Last Information Date : Aug 19, 2021
 SDS Preparation Period : Aug 13 – Aug 20, 2021

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200, and is provided per attached.

Signed for and on behalf of



Cathy Cai
 Approved Signatory



Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

1 Identification

- **Product identifier**
- **Trade name:** Plyprpylene

- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** Injection molding

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
WUXI MARTWARE SCIENCE AND TECHNOLOGY LTD.
- **Other US contact point:**
Lourdes / Veritiv Operating Company
933 NW 110th Avenue, Miami, FL, USA
Tel: 305-421-6150
E-mail: lourdes@veritivcorp.com

- **Emergency telephone number:**
USA
Poison Center
Tel: +1 800 222 1222

- **Reference Number:** CZHL2108005100TY; SHAHG2117504901

- **Remark:**
This sample is likely to be classified as article and is out of scope of a SDS as set out in 29 CFR Part 1910.1200. This SDS is generated for client's reference only.

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **Information concerning particular hazards for human and environment:**
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.

- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable

- **Hazard-determining components of labeling:** Not applicable
- **Hazard statements** Not applicable
- **Precautionary statements** Not applicable

- **Hazards not otherwise classified (HNOC)** No further relevant information available.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Composition:**

9003-07-0	Polypropylene	99.79%
67701-33-1	Glycerides, C14-18 mono- and di-	0.06%

(Contd. on page 2)

Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

Trade name: Plyprylene

(Contd. of page 1)

1592-23-0	Calcium distearate	0.05%
6683-19-8	Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	0.05%
31570-04-4	tris(2,4-ditert-butylphenyl) phosphite	0.05%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**
Mouth respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Avoid formation of dust.
Keep away from ignition sources
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
For the general occupational hygienic measures refer to section 8.
- **Information about protection against explosions and fires:**
Normal measures for preventive fire protection.

(Contd. on page 3)

Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

Trade name: Plyprylene

(Contd. of page 2)

Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**
- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

- | | |
|---|----------------|
| · General Information | |
| · Appearance: | |
| Form: | Solid |
| Color: | Transparent |
| · Odor: | Odorless |
| · Odor threshold: | Not available |
| · pH-value: | Not available |
| · Melting point/Melting range: | 150 °C |
| · Freezing point: | Not available |
| · Boiling point/Boiling range: | Not available |
| · Flash point: | Not available |
| · Flammability (solid, gaseous): | Not available. |
| · Auto-Ignition temperature: | Not available |
| · Decomposition temperature: | Not available |

(Contd. on page 4)

Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

Trade name: Plyprylene

(Contd. of page 3)

- | | |
|---|--|
| · Explosion limits: | |
| Lower: | Not available. |
| Upper: | Not available. |
| · Vapor pressure: | Not available |
| · Density: | 0.9 g/cm ³ |
| · Relative density | Not available. |
| · Vapor density | Not available |
| · Evaporation rate | Not available |
| · Solubility in / Miscibility with Water: | Not available |
| · Partition coefficient (n-octanol/water): | Not available |
| · Viscosity: | |
| Dynamic: | Not available |
| Kinematic: | Not available |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specification.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

1592-23-0 Calcium distearate

Oral	LD50	>10,000 mg/kg (mouse)
		>10,000 mg/kg (rat)

- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitisation:** Sensitization possible.

- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

9003-07-0	Polypropylene	3
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- **NTP (National Toxicology Program)**

None of the ingredients is listed.

(Contd. on page 5)

Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

Trade name: Plyprylene

(Contd. of page 4)

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|--|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Label | Not applicable |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Not applicable |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

Trade name: Plyprylene

(Contd. of page 5)

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **New Jersey Right-to-Know List:**

None of the ingredients is listed.

· **New Jersey Special Hazardous Substance List:**

None of the ingredients is listed.

· **Pennsylvania Right-to-Know List:**

None of the ingredients is listed.

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 08/20/2021 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

(Contd. on page 7)

Safety Data Sheet
29 CFR 1910.1200

Printing date 08/20/2021

Version number 1.0

Reviewed on 08/18/2021

Trade name: Plyprylene

(Contd. of page 6)

IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health

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