

Material Safety Data Sheet

Water Soluble Laundry bag

Section 1

Product Information

1. Name of Product: Water Soluble Laundry Bag
2. Characteristic: Water soluble and fully biodegradable .
3. Application: Water soluble bags for infection control and medical disposal.
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Section 2

Chemical Composition

The product is composed of 75 percent of polyvinyl alcohol (PVOH/ PVA) and remaining 25 percent of compound plasticizers and organic additive. The PVOH used is soluble resin whose polymerization degree is from 1,700 to 1,800 and hydrolyzation degree is from 86 % to 99 %. The plasticizing agent is a compound system which is mainly composed of high boiling polyhydric alcohol. All the substances are biodegradable. Heavy and /or toxic substances are absent

Section 3

Information of Dangers

There is no particular danger for people or for environment during the storage and the handling of the product.

Section 4

First-aid Measures

1. In case of skin contact: harmless, no irritation.
2. In case of eye contact: remove from contact, flush with clean water
3. In case of accident swallowing : cause vomiting.

Section 5

Firefighting Measures

1. The product is not self-inflammable, but it is combustible.
2. Recommended fire extinguisher: atomized water, foam, dry extinguisher and carbon dioxide.
3. Means of protection: fireproof clothes and respirators.

Section 6

Accident Release Measures

To collect with dry mechanical tools.

Section 7

Handling and Storage

1. Storage condition: to store the product in clean, nontoxic, damp-proof inner packaging. Aluminum foil is recommended as the inner packing material. Keep far from heat sources. Storage temperature: 70 °C ~ 30°C, humidity: 20%~ 70%.
2. Precautions for storage place: natural ventilation .
4. Precautions: avoid accident contact with water as the product is water soluble.

Section 8

Exposure Control / Individual Protection

Respiratory protection : Not required

Ventilation: Not required, misting environment may require adequate ventilation .

Protection gloves: Not required. Eye protection: Not required . Other protective equipment: Not

required.

Section 9

Physical and Chemical Properties

1. Appearance: Form---solid, translucent
Color ---natural / red / yellow /orange, etc.
Smell---A small amount of odor
2. Physical properties
Fusion point: >150°C
Inflammability: non detectable
Decomposition temperature: >260°C
Self-ignition: >400 °C
Explosion danger: no
PH value: 5-7 (4wt%water solution)
Specific weight: 1.1~1.3g / cm³
Moisture content: the moisture content varies according to the ambient temperature and humidity.

Section 10

Stability and Reactivity

1. The product is stable in normal environmental conditions.
2. Thermal decomposition starts from 260°C;
3. Avoid contact with flames and strong oxidizing agents.

Section 11

Toxicological Information

- Acute Oral Toxicity on rats: above 2,000 mg / kg.
Acute Oral Toxicity on fish: the fish did not show any poisoning symptoms. Skin irritation: Not noticed
Note: With adequate use, serious damages for health are not noticed.

Section 12

Ecological Information

1. The product is biodegradable, without any toxic residue.
2. Eco-toxicological : until now, no records of damaging to deputation or treatment plants of Biological sewage.

Section 13

Disposal Consideration

Please refer to local laws and regulations.

Section 14

Transport Information

1. Land expedition: Harmless goods.
2. Carriage by sea: Harmless goods.
3. Air freight: Harmless goods.

Section 15

Regulatory Information

According to National Industrial Product Safety Standard of the People's Republic of China.

Section 16

Other Information: Non

