

### PRODUCT FAMILY: BT

Product information: ES02.01.03.1 - January 1<sup>st</sup>, 2015

### 1-PRODUCT AND COMPANY IDENTIFICATION

**Name of the product:** Water soluble PELLETS BT  
**Producer:** PLÁSTICOS HIDROSOLUBLES S.L. - Pl. "L'Horteta"  
 C/ Miguel Ángel Blanco 46-52 - Apdo. Correos 68, 46138 Rafelbuñol  
 - Valencia (España) - Tel. 96 141 24 61 / Fax. 96 141 24 73 -  
 info@hidrosoluble.com  
**Information in case of emergency can be obtained from:** The same

### 2-COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS number	%
Partially hydrolyzed Polyvinyl alcohol	25213-24-5	70-80
Polyols/plasticizer		15-25
Additives		5-10

### 3-HAZARDS IDENTIFICATION

The product is considered non dangerous in normal conditions of use.

### 4-FIRST-AID MEASURES

**In case of contact with skin:** None required. In case of adverse reaction ask for medical assistance  
**In case of contact with eyes:** None required. In case of adverse reaction ask for medical assistance  
**By accidental swallowing:** Induce vomiting. When a large quantity of product is ingested, ask for medical attention

### 5-FIRE-FIGHTING MEASURES

**Suitable extinguishing agents:** Water, foam, dry extinguisher, CO<sub>2</sub>  
**Special risks:** Material is combustible but not self inflammable  
**Protective equipment:** Fireproof clothes and respirators.

### 6-ACCIDENTAL RELEASE MEASURES

**Spillage:** Sweep up spillage & remove to a safe place. Wet product forms a slippery surface. Dry clothes may be used.

### 7-HANDLING AND STORAGE

**Handling:** The product should not be handled with wet hands. Ensure good ventilation & exhaust at workplace. Prevent formation of dust.  
**Storage conditions:** Store in cool dry conditions. Keep away from moisture. Keep in the original packaging until use. Avoid contact with oxidants, strong acids and alkalines.

### 8-EXPOSURE CONTROLS / PERSONAL PROTECTION

**Personal protection:** Protective work clothing  
**Respiratory protection:** Short term filter device  
**Hand protection:** None required  
**Eyes protection:** None required  
**Skin protection:** None required

### 9-CHEMICAL AND PHYSICAL CHARACTERISTICS

**Form:** Granulate  
**Characteristic:** Odourless  
**pH:** 5 to 7 (4% w/ v in water)  
**Melting point:** 140-177° C  
**Flammability:** non detectable  
**Explosion Danger:** absent  
**Combustible properties:** combustible  
**Water solubility:** soluble at 5 - 10° C

### 10-STABILITY AND REACTIVITY

**Conditions to avoid:** The product is completely stable for an indefinite period of time at normal environmental conditions  
**Materials to be avoided:** Acids, alkalines and strong oxidizing agents  
**Dangerous products of decomposition:** The material is thermally decomposed, giving off water and volatile organic products.

### 11-TOXICOLOGICAL INFORMATION, (ACCORDING TO THE EU-DIRECTIVE CEE 88/379)

Non toxic according to UNE-EN ISO 6341 and UNE-EN ISO 7346-1  
**Acute Oral Toxicity (LD50) on rats:** above 2 g/kg  
**Skin Irritation:** Not noticed  
 Note: Serious damage to human health is not anticipated with suitable use

### 12-ECOLOGICAL INFORMATION

Biodegradable according to UNE-EN ISO 14851 and compostable based on EN 13432.  
 Due to its chemical composition and structure no bio-accumulative effects are found. There is no evidence of damage to sewage or treatment plants.

### 13-DISPOSAL

Disposal must be made according to local official regulations

### 14-TRANSPORT INFORMATION

Not classified as dangerous for transport

### 15-REGULATORY INFORMATION

Directive 1907/2006

### 16-OTHER INFORMATION

The data presented describe the marketed product safety standards, and should not be construed as a warranty or quality specification.