

# HYCITE® 713

## Multifunctional Additive of Hydrotalcite Class

**Product-No.: 200001137**
**CAS-No.: 11097-59-9**
**Version: 1.0**

### Product Description

Acid scavenger, process stabilizer, heat stabilizer

### Delivery Specification and Technical Data

Characteristics	Unit	Target Value	Test Method
Appearance		white free flowing powder	
MgO / Al <sub>2</sub> O <sub>3</sub>	mol/mol	4.0 – 5.0	HTC 0002
Fe	ppm	max. 100	HTC 0002
Heavy metals Σ of Pb, Cr, Cd, Hg	ppm	max. 10	HTC 0002
Loss on drying (105 °C, 2 h/IR)	%	max. 0.5	HTC 0001
Particle size, D50	µm	0.3 – 0.6	HTC 0004
Particle size, ≤ 1 µm	vol.%	min. 85	HTC 0004
Particle size, ≥ 5 µm	vol.%	0	HTC 0004
Specific surface area (BET, N <sub>2</sub> )	m <sup>2</sup> /g	5 – 15	HTC 0024

#### Delivery Form

Free flowing powder

#### Packaging

 Big bag 1,000 kg on pallet  
 Paper bag with plastic liner 20 kg, pallet 1,000 kg (50 bags)  
 Bulk

#### Storage

Recommended shelf life is 1 year from the date of shipping if properly stored. The product should be stored dry and at room temperature.

#### Hazards

 Classification (1272/2008/EC):  
 Not classified, does not meet the criteria for classification  
 Classification (67/548/EEC, 1999/45/EC):  
 Not classified, does not meet the criteria for classification

#### Main Applications

Polypropylene, polyethylene, rubber

#### Status under Food Legislation

In compliance with the EU regulation 10/2110 on plastic materials or articles intended to come in contact with food.

#### Ecological and Toxicological Properties

 Acute oral toxicity: LD50: > 2,000 mg/kg (rat)  
 Acute dermal toxicity: LD50: > 2,000 mg/kg (rat)  
 Irritant effect on skin: not irritant (rabbit)  
 Irritant effect on eyes: not irritant (rabbit)  
 Sensitization: not sensitizing (guinea pig)

 For a detailed definition of specified characteristics please request the Product Specification Sheet.  
 For safety details please refer to the Material Safety Data Sheet.

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