

MONOSODIUM PHOSPHATE (MSP)

Micro-Granules

PERFORMANCE RANGE

CAS N°	EINECS N°	Chemical formula	Feed material catalogue number
7558-80-7	231-449-2	NaH ₂ PO ₄	11.3.10

Manufacturing process

Monosodium phosphate
Produced in Tunisia and obtained by reaction of chlorine-free sodium sources with purified phosphoric acid.

Chemical specifications

Parameters	Typical specifications	Analytical methods
Total Phosphorus – P	23.5%	Spectrocolorimetry after mineralization (10 min boil) in concentrated nitric acid
Solubility in citric acid	> 95%	Spectrocolorimetry after extraction in 2% citric acid
Solubility in water	95%	Spectrocolorimetry after extraction in water
Sodium - Na	16%	EGTA complexometry
Moisture - H ₂ O	2.5%	Drying at 100°C for 4h
pH	4.6 – 5	10 g / 100 ml water, 30 minutes

Physical specifications

Appearance	Cream coloured micro-granules
Particle size	0.8 – 1.6 mm

Packaging

Bulk, Bag 25 kg, 50 kg (polyethylene + polypropylene), Big bag 1T, 1T100 (polyethylene + polypropylene)

Recommendations

The product should be stored in a dry place up to 3 years after the packing date. Not classified as a dangerous substance in accordance with current transportation norms.

Intended uses

This product is used as a feed material and complies with Regulation (EC) No 767/2009 on the placing on the market and use of feed. Undesirable substances comply with Directive 2002/32/EC and its subsequent amendments. Specifications are guaranteed at factory exit.



Additional information

Organic sector

Can be used in the organic production in accordance with Article 24 of Regulation (EC) 2018/848 of 30 May 2018 on organic production and labelling of organic products and with implementing Regulation (EU) 2021/1165 of 15 July 2021 authorizing certain products and substances for use in organic production and establishing their lists. This product is not certified as organic but can be used in the processing and preparation of organic animal feed.

Non ionization

Is manufactured without exposure to ionizing radiations, is not manufactured from ionized raw materials and therefore, is considered as non-irradiated.

GMO

Is not a Genetically Modified Organism, doesn't contain Genetically Modified Organism, is not derived from Genetically Modified Organism and is not processed with Genetically Modified Organisms.

Non animal origin

Doesn't contain animal material and is not concerned by the Regulation (EC) No 999/2001 laying down rules for the prevention, control and eradication of certain transmissible spongiform encephalopathies, because our product does not contain animal material.

Regulatory compliance

In accordance with the provisions of Regulation (EC) No 1831/2003 of the European Parliament and the Council of 22 September 2003, the product is used as feed material.