HUMIC ACID SALTS

Potassium Humate Flake

Product code SH-KH-04F · Supersedes SHA-KHA-Flake-TDS (2026-08)

≥ 60.0%	10.0 – 12.0%	≥ 100%
HUMIC ACID (DRY BASIS)	POTASSIUM AS K_2O (DRY BASIS)	WATER SOLUBILITY (DRY BASIS)

01 PRODUCT OVERVIEW

Potassium humate is the potassium salt of humic acid obtained from leonardite. This grade is supplied as black flakes and is water soluble. It is used as a humic and potassium source in soil application, fertigation and fertilizer formulations.

02 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PARAMETER	TYPICAL VALUE	TEST METHOD
Appearance	**Black flake**	Visual
Humic acid (dry basis)	**≥ 60.0%**	HG/T 3278-2011
Potassium as K_2O (dry basis)	**10.0 – 12.0%**	GB/T 33804-2017
Water solubility (dry basis)	**≥ 100%**	HG/T 3278-2018
Moisture	**≤ 15.0%**	HG/T 3278-2011
pH (1:100)	**9.0 – 10.0**	GB/T 33804-2017
Flake size	**2 – 4 mm**	Visual

Typical values, not a specification. Batch results are stated on the Certificate of Analysis (COA) issued with each shipment. "To be confirmed" means the value is under review.

03 INTENDED USES AND APPLICATION

- Soil application as a humic and potassium source
- Fertigation and liquid fertilizer production (dissolve before use)
- Blending with compound and bulk-blended fertilizers (e.g. urea, DAP, MAP)

Application rates depend on crop, soil and formulation. Please contact us for technical guidance and run a small-scale trial before large-scale use.

04 PACKAGING, STORAGE AND DOCUMENTS

PACKAGING 1 / 5 / 10 kg aluminium foil bag; 20 / 25 kg woven PP bag with inner PE liner; 1,000–1,100 kg jumbo bag; custom packaging on request

STORAGE Cool, dry, well-ventilated place in the original closed packaging; protect from moisture; reseal opened bags.

SHELF LIFE 24 months in original, unopened packaging

DOCUMENTS Safety Data Sheet (SDS) and batch Certificate of Analysis (COA) available on request.

The information in this Technical Data Sheet is given in good faith for reference. Users should determine the suitability of the product for their own application and comply with the regulations of the destination market. For safety information, refer to the Safety Data Sheet (SDS) of this grade.