AGROCHEMICAL ACTIVE INGREDIENT

# Boscalid

Technical data sheet · Specifications revised 2026-10-27

Declared content and tolerances follow the FAO/WHO specification manual; properties are tested by CIPAC methods. The batch certificate of analysis reports the measured values of each delivery.

## 1 Identity

| Item | Detail |
|---|---|
| CAS number | 188425-85-6 |
| Molecular formula | C18H12Cl2N2O (343.2 g/mol) |
| PubChem record | CID 213013 |
| Mode of action group | FRAC 7 |
| Chemical class | Pyridine carboxamide (SDHI) fungicide |

## 2 Specifications and declared content

| Specification | Content and tolerance |
|---|---|
| Boscalid 98% TC | ≥ 98% (980 g/kg) |
| Boscalid 30% SC | 30 ± 1.5% |
| Boscalid 50% WG | 50 ± 2.5% |
| Boscalid 70% WG | 70 ± 2.5% |

## 3 Quality specification by formulation type

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## Technical material (TC)

| Property | Requirement | Method |
|---|---|---|
| Active ingredient content | Not less than the declared minimum, with no upper limit | CIPAC |
| Identity | Confirmed by an identity test | CIPAC |
| Relevant impurities | Within the limits of the FAO specification for the active ingredient, where one exists | CIPAC |
| Water, insolubles and acidity | Stated where the specification of the active ingredient requires them | MT 30.6 · MT 191 |

## Suspension concentrate (SC)

| Property | Requirement | Method |
|---|---|---|
| Active ingredient content | Declared content within the FAO/WHO tolerance shown for each specification | CIPAC |
| Pourability | Residue ≤ 5% | MT 148.2 |
| Spontaneity of dispersion | ≥ 60% after 5 min in CIPAC water D | MT 160.1 |
| Suspensibility | 60 to 105% after 30 min in CIPAC water D | MT 184.1 |
| Wet sieve test | ≤ 2% retained on a 75 µm sieve | MT 185.1 |
| Persistent foam | ≤ 60 mL after 1 min | MT 47.3 |
| Stability at 0 °C | After 7 days at 0 ± 2 °C, still within the suspension and sieve limits | MT 39.3 |
| Stability at elevated temperature | After 14 days at 54 ± 2 °C, active ingredient ≥ 95% of the initial content and physical limits still met | MT 46.4 |

## Water dispersible granules (WG)

| Property | Requirement | Method |
|---|---|---|
| Active ingredient content | Declared content within the FAO/WHO tolerance shown for each specification | CIPAC |
| Wettability | Completely wetted in 1 min without swirling | MT 53.3 |
| Wet sieve test | ≤ 2% retained on a 75 µm sieve | MT 185.1 |
| Dispersibility | ≥ 60% after 1 min of stirring | MT 174 |
| Suspensibility | 60 to 105% after 30 min in CIPAC water D | MT 184.1 |
| Persistent foam | ≤ 60 mL after 1 min | MT 47.3 |
| Dustiness | ≤ 30 mg collected dust | MT 171.1 |
| Stability at elevated temperature | After 14 days at 54 ± 2 °C, active ingredient ≥ 95% of the initial content and physical limits still met | MT 46.4 |

Shelf life: two years from release under the storage conditions on the label, unless the label states otherwise.

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FAO/WHO Manual on the development and use of FAO and WHO specifications for chemical pesticides, 3rd edition (2025)
https://doi.org/10.4060/cd7934en

## 4 Hazard, transport and customs

| Item | Detail |
|---|---|
| EU harmonised classification | No EU harmonised classification |
| Transport classification (pure substance) | UN 3077, class 9, packing group III, marine pollutant |
| HS code, technical material (EU customs) | 2933.39 |
| HS code, formulations | 3808.92 |
| FAO specification | No FAO specification published |

## 5 Packaging and supply terms

| Item | Detail |
|---|---|
| Technical material | 25 kg fibre drums or woven bags with liner; liquid technical material in 200 L drums |
| Liquid formulations | 100 mL to 1 L bottles; 5, 10 and 20 L jerrycans; 200 L drums and 1,000 L IBC for bulk supply |
| Solid formulations | 100 g to 1 kg aluminium foil bags; 5, 10 and 25 kg bags, cartons or fibre drums |
| Minimum order | Formulations from 1,000 L or 1,000 kg per specification; technical material from 1,000 kg. Smaller quantities for samples and registration trials. |
| Lead time | Usually 25 to 40 days after order confirmation and label approval. |
| Shipping terms | FOB, CFR or CIF from a Chinese port; dangerous goods packed and documented to the IMDG Code. |
| Payment | T/T or irrevocable letter of credit at sight. |

## 6 Notes

Approved uses differ by country; the label registered in the destination market applies.

The current safety data sheet of the formulation supplied ships with each batch.

Product page: https://huasheng.bio/products/cp-boscalid

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