



TECHNICAL DATA SHEET

Wetting Agent BX

Classic anionic wetting and penetrating agent for textile, dye, leather and industrial formulation systems

Product Code	GAC-IC-WA-BX	Product Type	Sodium Butyl Naphthalene Sulfonate / Anionic Wetting Agent
CAS No.	25638-17-9	Physical Form	White to light beige powder
Version	V1.0 May 2026	Primary Markets	Textile - Dyeing - Leather - Agrochemical - Industrial Wetting
Primary Role Wetting / penetrating	Performance Focus Rapid liquid penetration	Best Fit Textile, leather, dyes	Supply Support TDS, SDS, COA and samples

1. Product Overview

Wetting Agent BX is an anionic wetting and penetrating agent based on sodium butyl naphthalene sulfonate. It is used to promote rapid wetting of fibers, powders and solid surfaces in textile, dye, leather, pigment and agrochemical formulation systems.

This product is especially suitable where a practical, cost-effective wetting agent is required to improve water penetration, dispersion start-up and process uniformity. Compatibility should be confirmed in the final formulation, especially where foaming, electrolyte content or pH conditions are critical.

2. Key Performance Functions

- **Rapid Wetting:** improves liquid penetration into fibers, powders and substrates.
- **Dyeing Support:** supports uniform wetting before dyeing or printing operations.
- **Leather Processing:** assists soaking and chemical penetration in leather treatment.
- **Powder Wetting:** helps reduce floating and agglomeration during mixing.
- **Broad Industrial Use:** suitable for many water-based processing systems after validation.

3. Main Specifications

Parameter	Specification
Appearance	White to light beige powder
Active Matter	60% min typical / grade dependent
pH Value	6.0 - 9.0, typical aqueous solution
Moisture	<= 8.0% typical
Solubility	Soluble in water
Ionic Character	Anionic
Wetting Performance	Fast wetting / penetration
Compatibility	Compatible with many anionic/nonionic systems after testing

Note: The above values are typical technical data for reference. Final agreed specification and COA shall prevail.

4. Recommended Application Areas

Application Area	Typical Use	Customer Value
Textile Pretreatment	Wetting and penetration before processing.	Improves process uniformity and liquid uptake.
Dye & Pigment Processing	Powder wetting and dispersion start-up.	Reduces floating and improves processing efficiency.
Leather Processing	Soaking, dyeing and auxiliary penetration.	Improves chemical contact and penetration.
Agrochemical Formulation	Wetting support for WP/WG systems.	Improves powder incorporation.
Industrial Cleaning	Surface wetting and penetration support.	Supports contact with difficult surfaces.

5. Suggested Usage Guidance

Application	Typical Starting Dosage / Use	Technical Note
Textile processing	0.5 - 2.0 g/L typical starting range	Adjust by fabric, bath ratio and process.
Leather processing	0.2% - 1.0% on process weight	Confirm by leather type and process sequence.
Powder formulations	0.5% - 3.0% of formulation	Optimize with dispersant and defoamer.
Industrial cleaning	0.1% - 1.0% typical	Evaluate foam and substrate compatibility.

Dosage and application method should be verified by laboratory or pilot testing. Performance depends on formulation type, raw materials, pH, temperature, solid content, mixing time and target technical results.

6. Packaging, Storage & Handling

- **Packaging:** 25 kg woven bags / kraft bags with inner PE liner, drums or IBCs depending on grade. Jumbo bags, neutral packing or customized packing can be discussed.
- **Storage & Handling:** Store in a cool, dry and ventilated warehouse. Keep away from moisture, rain, direct sunlight and strong oxidizing materials. Recommended shelf life is 12 months under original sealed packaging unless otherwise specified.



• **Safety:** Please refer to the corresponding Safety Data Sheet before use. Product suitability for regulated applications must be confirmed separately according to local laws and customer requirements.

7. Documents & Technical Support

- TDS, SDS/MSDS, COA and agreed specification support.
- Sample arrangement and product grade recommendation.
- Application discussion and grade selection support for industrial buyers.
- Formulation support for wetting, dispersing, foam control and compatibility evaluation.

8. Inquiry Information

For quotation, sample request or technical document support, please provide application, required quantity, destination port, packaging preference and target technical requirement.

Website: www.lignincorp.com | Email: info@greenagrochem.com

Disclaimer

The information in this Technical Data Sheet is provided for reference and general guidance only. It does not constitute a legally binding specification or warranty. Customers should conduct their own tests to determine product suitability for their intended application. Final commercial specification shall be subject to agreed contract, product grade and COA.