

米特国际贸易有限公司

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Technical Data Sheet

Product Name: Soda Flux Ultra

1. Product Description

Soda Flux Ultra is a high-purity sodium carbonate product, designed specifically for the paper and glass industries. It offers excellent pH control, energy efficiency, and cost-effectiveness, making it an ideal choice for various industrial applications.

2. Specifications

- Chemical Composition:**
 - Sodium Carbonate (Na_2CO_3): 70%
 - Other Bases: 30%
 - Chlorides: 100 ppm max
 - Iron: 5 ppm max
 - Calcium: 100 ppm max
 - Magnesium: 50 ppm max
- Physical Properties:**
 - Bulk Density: 550 ± 5 g/l

3. Applications

A. Textile Industry

- Enhanced Dyeing Efficiency:** Soda Flux Ultra improves the efficiency of all kind cloth dyeing processes, Yaran Dyeing & Digital/Rotary printing ensuring vibrant and long-lasting colors.
- pH Control:** Provides precise pH regulation during dyeing and washing processes, leading to consistent and high-quality results.
- Improved Fabric Softness:** Contributes to achieving a softer fabric texture by aiding in the removal of impurities during washing and dyeing.
- Eco-Friendly:** Supports sustainable textile processing by reducing the need for harsh chemicals, promoting an eco-friendly manufacturing environment.
- Cost-Effective:** Reduces operational costs by enhancing dye uptake and minimizing reprocessing needs.

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B. Paper Industry

- **pH Control:** Provides excellent pH control, ensuring optimal conditions for paper production.
- **Improved Paper Quality:** Enhances the quality of paper by contributing to smoother surface textures.
- **Eco-Friendly:** Manufactured using energy-efficient processes, minimizing environmental impact.
- **Lignin Breakdown:** Facilitates the breakdown of lignin without degrading cellulose, maintaining the integrity of paper fibers.
- **Cost-Effective:** Reduces overall production costs while improving product quality.

C. Glass Industry

- **High Melting Point:** Contributes to a high melting point, essential for various glass manufacturing processes.
- **Cost-Effective:** Offers cost advantages by reducing raw material and energy consumption.
- **Waste Control:** Helps in minimizing waste during production, promoting sustainability.
- **Excellent Fluxing Power:** Provides superior fluxing capabilities, reducing the melting point of silica.
- **Viscosity Reduction:** Lowers the viscosity of molten glass, facilitating easier modification and shaping of glass products.

4. Benefits

- Energy-efficient production
- Superior quality output in paper and glass manufacturing
- Environmentally sustainable
- Highly cost-effective

5. Safety and Handling

- **Storage:** Store in a cool, dry place away from moisture.
- **Handling:** Use appropriate personal protective equipment (PPE) when handling.

6. Packaging

Available in various packaging sizes to meet specific industrial needs.



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