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TECHNICAL DATA SHEET

Zinc Formaldehyde Sulfoxylate (ZFS)

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|------------------------------|---|--|
| Nomenclature | Zinc Formaldehyde Sulfoxylate (ZFS) | |
| CAS # | 24887-06-7 | |
| Formula | $\text{Zn}(\text{HSO}_2\text{CH}_2\text{O})_2$ | |
| Molecular Weight | 256.5 | |
| Description | Free Flowing White Crystals Having Pungent Odor | |
| Grade | Textile | |
| Specifications | <u>Chemical Composition</u> | |
| | $\text{Zn}(\text{HSO}_2\text{CH}_2\text{O})_2$ | 94 – 98 % |
| | Zinc Bisulfate Formaldehyde as | |
| | $\text{Zn}(\text{HSO}_3\text{CH}_2\text{O})_2$ | 2.5 % Max. |
| | Zinc Sulphite as $\text{ZnSO}_3 \cdot 2\text{H}_2\text{O}$ | 3.5 % Max. |
| | <u>Bulk Density</u> | 1.1 +/- 0.1 |
| | <u>Solubility</u> | - Practically Soluble in Water - Insoluble in Alcohol |
| Shelf Life | Six Months In Air Tight Container If Stored In A Cool Place | |
| Common Uses | Discharge Printing On Polyester, Nylon and other Synthetic Fibers | |
| Packing | 55 Lbs. M.S. Drum or 44 Lb. paper bags | |
| Handling & Safety | Please refer to the MSDS before using this material. Zinc Formaldehyde Sulfoxylate is intended for industrial use only. | |

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| Disclaimer | <i>The information given in this Data Sheet is based on the present state of our knowledge but any conclusions and recommendations are made without liability on our part. Buyers and Users should make their own assessment of our products under their own conditions and for their own requirements.</i> |
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