LeucoSAFE D7
(A proprietary Reducing Agent)

Transpek-Silox Industry Private Limited
Indian Roots.. Global Mindset
BACKGROUND

Transpek-Silox is an Indo-Belgian JV company based at Vadodara, Gujarat, India (420 Km. towards north of Mumbai). We are an ISO 9001:2015, ISO 14001:2015 certified company by TÜV Nord, Germany. Our QA laboratory is accredited by NABL, and R&D is approved by Department of Scientific & Industrial Research (DSIR), Ministry of Science and Technology, Government of India.

Transpek-Silox, a leading manufacturer of Sodium Hydrosulphite brings tailor-made Sodium Hydrosulphite (LeucoSAFE D7) for Indigo dyeing/Denim industry.

LeucoSAFE D7 offers extended safety in product storage as compared to the conventional product. It is formulated to deliver optimum performance and increased stability throughout the dyeing process.

LeucoSAFE D7 = EFFICIENCY IN PERFORMANCE + SAFE IN HANDLING
i. Comparative Redox Potential of *Leuco SAFE D7* & SHS(SF) under uniform conditions (pH 10.5, Conc. 10 gpl) shows *Leuco SAFE D7* remains constantly stronger as compared SHS(SF).

ii. pH drop after 1 hour is lower in case of *Leuco SAFE D7* which suggests lower repeated dosage of *Leuco SAFE D7* as compared to SHS(SF) to maintain concentration of SHS in dye bath.

i. Sodium Hydrosulphite reacts in presence of moisture/water. The reaction is exothermic, leading to reduction in strength of Sodium Hydrosulphite during storage.

ii. Above simulated study indicates that *Leuco SAFE D7* reacts slower than conventional SHS(SF), leading to better stability during storage thus, *Leuco SAFE D7* is a more stable product.
LeucoSAFE D7

- Performance Oriented
- Stability
- Safer in Handling
- Low Dusting
- Efficient Dissolutions/Reduction

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