



DS- HIBURST

(SPRAY STARCH)

INTRODUCTION

"DS - HIBURST" is a formulated Modified Starch, developed for fourdrinier application.

ADVANTAGES

DS – HIBURST wet end application on the wire part enhances:

- Bursting Strength and other dry strength properties (except Tear)
- RCT / CMT values of paper.
- Exceptional retention of fines/fillers.

PROPERTIES

- Spray starch for improving bursting strength.

TECHNICAL SPECIFICATION

Appearance	Fine, dry, odourless, white powder
Moisture	Not more than 12%
Ash (Dry solid basis)	Not more than 1.5 %
%Cold water soluble	Not more than 1.5%
pH of 10 % aqueous solution	5.0 – 7.5
Particle Size (% passing through 85#)	Not less than 98%
Brookfield Viscosity (5%W/W; Temp 75°C, 60 RPM, DVE model, cps)	Not less than 400

Saurashtra Specialities Pvt. Ltd.

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PREPARATION

1. The use of DS- HIBURST, in fresh water suspension of 20 – 40 gpl is recommended. However the dosage level could be optimized depending on the properties required and quality of paper product.
2. No cooking required.
3. Complete cookout is accomplished in the drying section of the paper m/c.

HANDLING, STORAGE & SAMPLING

1. Do not use hook, drag the bags on truck or any other platform.
2. Bags should be stored on clean platform, kept covered with clean piece of tarpaulin. Also ensure that the storage area is dry, covered, away from humid conditions, hazardous, explosive and aromatic chemicals.
3. Ensure unloading staff have clean hands and head covered with clean Cloth/Cap.

SHELF LIFE

1. 1 Year, if stored under recommended conditions

PACKING

1. DS- HIBURST is available in 50 Kg with moisture proof lined bags.
2. Special packing can be arranged on request.

OTHER PRODUCTS

- | | |
|------------------|---|
| 1. Size press: | OXISTAR–HC, OXISTAR–HC 100, OXISTAR –HC 200 |
| 2. Spray starch: | DS- HIPLY |
| 3. Wet end: | CATSTAR 200, CATSTAR 300 |
| 4. Spray system: | Complete spray system |

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