

Confidential

Formula for Registration Form 9-199

Attachment "B"

GREAT PLAINS BAG COMPANY
2201 Bell Avenue
Des Moines, Iowa
50321

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ACCEPTED
NOV 17 1967
9904-1

Based on the Outer Ply of Sack:

Active Ingredients:

*Piperonyl Butoxide Technical- 0.33%

Pyrethrins 0.033%

Inert Ingredients:

Kraft Paper

Starch

Clay 99.637%
100.00%

Equivalent to .264% (butylcarbityl) (6-propylpiperonyl) ether
and .006% related compounds.

At time of treatment, Pyrenone Coating Powder II is applied to kraft paper of basis weight 60 lbs. per 3,000 sq. ft., within a range equivalent to 50± 10 mg/sq. ft. piperonyl butoxide technical, and 5± mg/sq. ft. pyrethrins. The average of this range is equivalent to 0.55% piperonyl butoxide technical and 0.055% pyrethrins by weight of the outer ply, when applied. Commercially, sacks are normally used within 3 months, but may be stored up to five months after date of fabrication, before filling. Judging from a series of sack storage tests reported by the Stored Products Insects Branch, MQRD, ARS, USDA, dated 7-21-67, residue on sacks stored for 5 months may be as low as 30 mg/sq. ft. piperonyl butoxide technical; this was used as the basis for the .33% piperonyl butoxide listed under active ingredients.

In judging the conformance of IRT sacks, a sample of all plies is first extracted, and the weights of the extracted active ingredients in all plies are divided by the weight of the test area of the outer 60 lb. ply only. This practice allows for migration of active ingredients into the other plies of the sack.

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The outer ply of this shipping sack has been treated with synergized pyrethrine to increase its resistance to penetration by insects under normal shipping, handling and storage conditions. Tight end closures and specially designed longitudinal seam assist in protecting the contents, providing the sack is otherwise intact. This sack has been registered with the United States Department of Agriculture under USDA Reg. No.

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