

## Evaluation Report for Category C, Subcategory C.3.10 Application

**Application Number:** 2007-6372  
**Application:** New or Changes to Product Labels- Tank Mixes  
**Product:** NP-1 Sapstain Control Product  
**Registration Number:** 21753  
**Active ingredients (a.i.):** Iodocarb, Didecyl Dimethyl Ammonium Chloride  
**PMRA Document Number:** 1555816

### Purpose of Application

The purpose of this application was to add a tank mix to the labels of two currently registered antisapstain products, NP-1 (PCP# 21753) and Woodtreat P-229 (PCP# 26584). The proposed rates for both individual products, and the total actives in the mixture were lowered, relative to either product being used alone while still being effective at controlling sapstain.

### Value Assessment

The efficacy data from an eight-month field trial was provided in support of this tank mix. The field trial was carried out on Vancouver island where sapstain is a major problem for sawmills, and involved testing two mixtures of NP-1 and P-229 Woodtreat, for comparison with NP-1 treatment alone, and with an untreated control. The test samples consisted of 120 boards (4 ft - 2"x4") per treatment, which were stacked, wrapped in plastic and evaluated for sapstain at the end of the trial. The tank mix of 0.19% NP-1 and 0.06% P-229 (0.15% total actives) was found to be as efficacious as the use of NP-1 alone at 0.6% (0.44% total actives).

The rates in this trial were expressed only in the form of treatment solution concentration, and the resulting deposition rates on the wood (i.e.  $\mu\text{g}/\text{cm}^2$ ) were not reported. This expression of rate was sufficient to support the dip tank treatment of the tank mix as stated on the label. However, spray treatment is not supported by the treatment solution concentration alone, and a deposition rate will be required for this treatment method to be permitted for the tank mix.

### References

PMRA Document No.	Reference
1467666	Field Trial Comparison of NP-1 Sapstain Control Product and a combination of NP-1 Sapstain Control Product and Woodtreat P-229, August 2007.

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