```
mult_eq_0  THM

⊢  ∀m,n:ℕ. m·n = 0 ⟺ m = 0 ∨ n = 0
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. equal
                              (equal(mult(m,n),0)
                              ,or(equal(m,0),equal(n,0)))))
     {hmult_eq_0}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```