INDUSTRY AND MARKETING SYSTEMS
Problem Solving/Skills
Material Safety Data sheets and Personal Protective Equipment

Instructions:

Refer to the accompanying chemical label to obtain answers for the questions below.

I. Chemical information (4 pts)
1. (1 pt) What is the trade or brand name? ____________________________________
2. (1 pt) This product is a pre- and post-emergence herbicide. (True or False) ___________________________
3. (2 pt) What is the percentage of active ingredient in the product? _____________________________

II. Environmental and Personal Safety (12 pts)
4. (1 pt) What is the signal word for this chemical? ____________________________________
5. (4 pts) List the recommended protective clothing to wear during loading. ____________________________________
6. (1 pt) Heavily chemical contaminated clothing must be? ____________________________________
7. (2 pts) This chemical is extremely toxic to what kind of wildlife? _____________________________
8. (2 pts) This chemical can not be applied to what areas? _____________________________
9. (2 pts) In case of accidental swallowing, who should be called? _____________________________

III. Directions for Use (9 pts)
10. (1 pt) Partially filled containers must be stored in a secured locked area? (True or False) _______________
11. (1 pt) Does this chemical require agitation in the tank? _____________________________
12. (1 pt) When is it possible for re-entry without protective clothing? _____________________________
13. (2 pts) What should be done with empty container? _____________________________
14. (2 pts) What is the degree of control for morning glory? _____________________________
15. (2 pts) How many applications can be made per year? _____________________________

Total Possible 25
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Instructions:

Refer to the accompanying chemical label to obtain answers for the questions below.

I. Chemical information (4 pts)
   1. (1 pt) What is the trade or brand name? LUMAX
   2. (1 pt) This product is a pre- and post-emergence herbicide. (True or False) False
   3. (2 pt) What is the percentage of active ingredient in the product? 43.34%

II. Environmental and Personal Safety (12 pts)
   4. (1 pt) What is the signal word for this chemical? Caution
   5. (4 pts) List the recommended protective clothing
      Coveralls over short sleeved shirt / shorts
      Chemical resistant gloves
      Chemical resistant footware plus socks
      Chemical resistant apron
   6. (1 pt) Heavily chemical contaminated clothing must be? Discarded
   7. (2 pts) This chemical is extremely toxic to what kind of wildlife? Aquatic invertebrates
   8. (2 pts) This chemical can not be applied to what areas? Water, surface water
   9. (2 pts) In case of accidental swallowing, who should be called? Poison Control

III. Directions for Use (9 pts)
   10. (1 pt) Partially filled containers must be stored in a secured locked area? (True or False) FALSE
   11. (1 pt) Does this chemical require agitation in the tank? YES
   12. (1 pt) When is it possible for re-entry without protective clothing? 24 hrs after application
   13. (2 pts) What should be done with empty container? Discard
   14. (2 pts) What is the degree of control for morning glory? Partial control
   15. (2 pts) How many applications can be made per year? Once (pre-emergence)

Total Possible 25