



Emergency Response Guidebook (ERG)

Exercise

Name: _____ Date: _____

Use the ERG to answer the following questions.

1. Which section of the ERG would you reference to find the corresponding guide number for a hazardous material with an ID number of 1017?
 - a. Yellow
 - b. Blue
 - c. Orange
 - d. Green
2. Which section of the ERG would you reference to find the corresponding guide number for a hazardous material with the proper shipping name Argon?
 - a. Yellow
 - b. Blue
 - c. Orange
 - d. Green
3. How many tables are included in the green section of the ERG?
 - a. One
 - b. Two
 - c. Three
 - d. Four
4. Which table in the green section of the ERG identifies materials that produce a toxic inhalation hazard when spilled in water?
 - a. Table 1
 - b. Table 2
 - c. Table 3
 - d. Table 4
5. What do the green highlighted materials in the yellow and blue sections indicate?
 - a. Safe to approach
 - b. Materials not hazardous
 - c. Toxic inhalation hazards
 - d. Corrosives

6. Which of the following materials is considered a toxic inhalation hazard?
- Acetone
 - Acid sludge
 - Methyl iodide
 - Nicotine
7. Which of the following materials is an inhalation hazard when spilled in water?
- ID number 1428
 - ID number 1493
 - ID number 1561
 - ID number 1689
8. If a material that presents a toxic inhalation hazard is involved in a fire, what should the responder do?
- Refer to orange section
 - Refer to Table 1
 - Refer to Table 2
 - Evacuate downwind of fire
9. What is the guide number for phenyl isocyanate?
- 126
 - 155
 - 158
 - 160
10. Assuming it is not currently on fire, what is the primary hazard associated with phenyl isocyanate?
- Corrosive
 - Explosion
 - Fire
 - Health
11. Which of the following chemicals is not one of the 6 common TIH materials listed in Table 3?
- Ammonia, anhydrous (UN1005)
 - Hydrogen fluoride, anhydrous (UN1052)
 - Perchloryl fluoride (UN3083)
 - Chlorine (UN1017)
12. What is the guide number for a DOT Class 9 miscellaneous hazardous material?
- 111
 - 125
 - 153
 - 171
13. What physical hazard is presented by a hazardous material with the following GHS pictogram?
- Eye damage
 - Corrosive to metals
 - Skin corrosion
 - Skin sensitizer



14. In which of the following DOT divisions would oxidizing substances be found?
 - a. 2.2
 - b. 4.1
 - c. 5.1
 - d. 6.1
15. What is the guide number used for spills involving an oxidizing substance?
 - a. 143
 - b. 148
 - c. 153
 - d. 158
16. For intermodal containers, if the top orange panel reads 55, what is the hazard?
 - a. Extremely Flammable Liquid
 - b. Strongly Oxidizing Substance
 - c. Highly Corrosive Substance
 - d. Highly Toxic Substance
17. When would a spill of a liquid hazardous material be considered a large spill?
 - a. 5 gallons
 - b. 10 gallons
 - c. 25 gallons
 - d. > 55 gallons
18. For a spill of liquid sulfuric acid, what is the recommended isolation distance to ensure public safety?
 - a. 75 feet
 - b. 150 feet
 - c. 250 feet
 - d. 500 feet
19. Which of the following topics is not included in the guide section?
 - a. Potential hazards
 - b. Public safety
 - c. Decon
 - d. First aid
20. What is indicated by the guide number followed by P in the yellow and blue sections?
 - a. Poison hazard
 - b. Polymerization hazard
 - c. Pyrophoric hazard
 - d. Poison inhalation hazard