

ACTIVITY 1.1

RECOGNIZING AND IDENTIFYING HAZARDS WORKSHEET

Here are 25 questions which require answers from within the ERG. Select the correct answer. You will have 20 minutes on this activity. At the conclusion, we will review the questions in class.

Directions: Read each of the following questions. Using the Emergency Response Guidebook provided in class, select the most correct answer and circle the entire answer.

Example:

0. The cover of the Emergency Response Guidebook is _____.
- a. blue
 - b. yellow-orange
 - c. purple
 - d. silver

QUESTIONS

1. Looking up the _____ is NOT one of the three methods of identifying the appropriate Guide number for a material in the NAERG.
- a. 4-Digit UN/NA or ID Number
 - b. Shipping Name
 - c. Placard if the material is placarded and no other information is available at the time.
 - d. Shipper's name
2. The pages organized numerically by the 4 digit ID number have a _____
- a. blue border
 - b. yellow border
 - c. orange border
 - d. green border

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3. The pages organized alphabetically by shipping name have a _____
 - a. blue border
 - b. yellow border
 - c. orange border
 - d. green border

4. The Guide pages have an _____
 - a. blue border
 - b. yellow border
 - c. orange border
 - d. green border

5. The “List of Dangerous Water-Reactive Materials Which Produce Toxic Gases” pages have a _____
 - a. blue border
 - b. yellow border
 - c. orange border
 - d. green border

6. The Table of Isolation and Protective Action Distances pages have a _____
 - a. blue border
 - b. yellow border
 - c. orange border
 - d. green border

7. Materials which present a polymerization hazard are identified by the letter “P” after the Guide Number Listing in the _____ pages.
 - a. both the blue and yellow border
 - b. only the yellow border
 - c. both the green and orange border
 - d. only the green border

8. Each “Guide” in the ERG is _____ pages long and contains a Potential Hazards section, a Public Safety Section and an Emergency Response section.
- two (2)
 - three (3)
 - four (4)
 - one (1) to five (5)
9. Fuming sulfuric acid is sometimes referred to as Oleum. The ID Number for Oleum is_____.
- 1976
 - 1222
 - 1831
 - 1001
10. The appropriate Guide for Oleum is_____.
- 120
 - 205
 - 100
 - 137
11. The Guide which is identified for sodium hydroxide solution is 154. Guide 154 advises the responder to treat a victim who has been splashed with the solution by _____.
- Moving the victim to fresh air
 - Removing the contaminated clothing
 - flushing the skin or eyes for at least 20 minutes with running water
 - all of the above
12. The Guide which is identified for sodium hydroxide solution is 154. If there was to be a fire involving a tank truck delivering this commodity to the plant which involves the tank area, the Guide recommends to ISOLATE_____ in all directions.
- 3,000 meters
 - 3 miles
 - 1/2 mile
 - 8 miles

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13. The Guide which is identified for sodium hydroxide solution is 154. If there was to be a spill involving a tank truck delivering this commodity to the plant, the Guide advises structural firefighters' protective clothing is_____.
- safe to wear while stopping the spill
 - safe to wear only if the spill is inside the plant
 - not effective in spill situations
 - None of the above
14. The Guide which is identified for sodium hydroxide solution is 154. The Guide indicates that the PRIMARY hazard associated with the material is a_____.
- Fire or Explosion Hazard
 - Health
 - Spilling
 - Toxic Release
15. The commodity which has the 4 digit ID number 1049 is _____.
- Oxygen
 - Hydrogen
 - Acetylene
 - Hydrogen Sulfide
16. The Guide which is identified for hydrogen is 115. The Guide indicates that the PRIMARY hazard associated with the material is a_____.
- Fire or Explosion Hazard
 - Health
 - Spilling
 - Toxic Release

17. The Guide which is identified for hydrogen is 115. The Guide indicates that when the commodity is involved in a tank fire, the responders should_____.
- Fight the fire from a maximum distance
 - Use unmanned hose holders or monitor nozzles
 - Withdraw immediately in case of rising sound from venting safety devices
 - All of the above
18. When an entry in the blue border or yellow border pages is highlighted in green like 1005 Ammonia, the green border pages should be consulted because the material is a _____.
- Toxic Inhalation Hazard (TIH)
 - Chemical warfare agent
 - Dangerous water reactive material
 - all of the above
19. The abbreviation n.o.s. in the ERG means_____.
- not otherwise specified
 - no one survived
 - no odor smelled
 - no one smelled it
20. The phone number for CHEMTREC may be found _____.
- on the inside of the back cover
 - in the PUBLIC SAFETY section of each guide
 - in the yellow border pages
 - in the green border pages
21. The toll free number for CHEMTREC in the United States is _____.
- 1-800-HELP ME 1
 - 1-800-CHM-TREC
 - 1-800-424-9300
 - 1-613-996-6666

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22. The ability of the awareness level personnel to use the ERG is mandated by_____.
- a. EPA in 40 CFR 1212.1365
 - b. USCG in 36 CFR 11.5
 - c. DOT in 49 CFR 172.36
 - d. OSHA in 29 CFR 1910.120, EPA 40 CFR 311
23. When using the Table of Initial Isolation and Protective Action Distances, a small spill is considered one involving _____.
- a. up to 40 liters
 - b. up to 200 liters
 - c. up to 400 liters
 - d. up to 4,000 liters
24. If unable to obtain the 4 digit ID number or the shipping name and a placard is not present then _____ is used if the incident is believed to involve hazardous materials/WMD or dangerous goods.
- a. Guide 199
 - b. Guide 100
 - c. Guide 111
 - d. Guide 222
25. Where would you find an ERG in or near your normal work place?