

Haz-Mat Awareness and Operations Supplemental Work Sheet

Chapter 2

1. The three states of matter are:

1) _____

2) _____

3) _____

2. A material may undergo a physical change when subjected to _____ ,
_____ or _____.

3. **B** _____ **L** _____ **E** _____ **V** _____ **E** _____

4. A chemical reaction usually releases some form of _____.

5. Flash Point definition:

6. Fire Point definition:

7. Ignition Temperature definition:

8. Flammable Range definition:

9. What is vapor pressure?

10. High vapor pressure liquids evaporate _____ and low vapor pressure liquids
evaporate _____.

11. Boiling Point definition:

12. Vapor Pressure definition:

13. Air has a vapor density of what?

14. If a product has a vapor density of 2, it is _____ than air.

15. Specific Gravity definition:

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16. What is the specific gravity of water?

17. If a spilled liquid with a specific gravity of -3 enters into a stream, you can expect the product to _____.

18. Water Solubility definition:

19. Corrosivity definition:

20. On the Ph scale, the number _____ is considered neutral.

21. A Ph of 4 is a _____.

22. A Ph of 9 is _____.

23. A Ph less than 2.5 is considered a strong _____.

24. A Ph greater than 12.5 is considered a strong _____.

25. A Ph greater than 7 is a _____.

26. A Ph less than 7 is a _____.

27. The three main types of radiation are _____, _____ and _____.

28. _____ radiation can change human cells and cause cancer.

29. _____ radiation is pure electromagnetic energy.

30. The three best ways to protect yourself from radiation is _____, _____ and _____.

31. Hazard definition:

32. Contamination definition:

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33. Ways that a WMD may cause damage:

T_____

R_____

A_____

C_____

M_____

P_____

34. Nerve agents disrupt _____.

35. Signs and symptoms of nerve agents:

S_____

L_____

U_____

D_____

G_____

E_____

M_____

36. Blister Agents are also known as _____.

37. List some examples of blister agents:

38. Blood Agents disrupt _____

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39. What ways can a blood agent make it into a persons body?

40. Choking Agents inhibit_____.

41. List some examples of choking agents:

42. This kind of a WMD agent is not intended to kill but to assault one's senses. It may also be used to get people to leave one area and unknowingly put themselves into an area where a more deadly agent may be used. _____

43. Convulsant agents will cause _____.

44. The advantages of an air purifying respirator are: _____

45. List four ways that a harmful substance may enter your body.

1. _____

2. _____

3. _____

4. _____

46. A _____ health problem surfaces after long term exposure to a chemical while a _____ health problem surfaces very quickly after exposure to a chemical.

47. Toxicity Definition:

48. Lethal concentration pertains to _____ and lethal dose pertains to _____ and _____.