1. Acetic Acid
    - Molecular Formula: $C_2H_4O_2$
    - Molar Mass: 60.05 g/mol
    - Boiling Point: 118.1 °C
    - Melting Point: 16.6 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Corrosive to metals and skin
    - Density: 1.049 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.4 (0.1 M solution)
2. Acetone
    - Molecular Formula: C_3H_6O
    - Molar Mass: 58.08 g/mol
    - Boiling Point: 56 °C
    - Melting Point: -95 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Not corrosive
    - Density: 0.791 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
3. Acetylene
    - Molecular Formula: C_2H_2
    - Molar Mass: 26.04 g/mol
    - Boiling Point: -84 °C
    - Melting Point: -80.8 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Not readily biodegradable
    - Flammability: Extremely flammable
    - Corrosivity: Non-corrosive
    - Density: 1.097 kg/m³ (gas)
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (gas)
4. Acetylsalicylic Acid (Aspirin)
    - Molecular Formula: $C_9H_8O_4$
    - Molar Mass: 180.16 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 136 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable

- Corrosivity: Not corrosive
- Density: 1.40 g/cm³
- Radioactivity: Non-radioactive
- pH Value: 2.5-3.5 (0.1 M solution)

5. Adenine
    - Molecular Formula: $C_5H_5N_5$
    - Molar Mass: 135.13 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 360 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.61 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 9-10 (0.1 M solution)
6. Adenosine Triphosphate (ATP)
    - Molecular Formula: $C_{10}H_{16}N_5O_{13}P_3$
    - Molar Mass: 507.18 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: Decomposes before melting
    - Water Solubility: Soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: N/A (complex molecule)
    - Radioactivity: Non-radioactive
    - pH Value: 6.5-7.5 (solution)
7. Adipic Acid
    - Molecular Formula: $C_6H_{10}O_4$
    - Molar Mass: 146.14 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 152 °C
    - Water Solubility: 1.5 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.36 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.0-2.5 (0.1 M solution)
8. Aluminum(III) Oxide (Al_2O_3)
    - Molecular Formula: Al_2O_3
    - Molar Mass: 101.96 g/mol
    - Boiling Point: 2,977 °C
    - Melting Point: 2,072 °C

- Water Solubility: Insoluble
- Biodegradability: Non-biodegradable
- Flammability: Non-flammable
- Corrosivity: Not corrosive
- Density: 3.95-4.1 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

9. Ammonia
    - Molecular Formula: NH_3
    - Molar Mass: 17.03 g/mol
    - Boiling Point: -33.34 °C
    - Melting Point: -77.73 °C
    - Water Solubility: Highly soluble (482 g/L at 20 °C)
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Corrosive
    - Density: 0.73 g/cm³ (gas)
    - Radioactivity: Non-radioactive
    - pH Value: 11.6 (1 M solution)
10. Ascorbic Acid (Vitamin C)
    - Molecular Formula: $C_6H_8O_6$
    - Molar Mass: 176.12 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 190-192 °C
    - Water Solubility: 330 g/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.65 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.1-2.6 (5% solution)
11. Aspartame
    - Molecular Formula: $C_{14}H_{18}N_2O_5$
    - Molar Mass: 294.31 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 246-247 °C
    - Water Solubility: 10 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.347 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 4.5-6 (0.8% solution)
12. Benzene
    - Molecular Formula: C_6H_6

- Molar Mass: 78.11 g/mol
- Boiling Point: 80.1 °C
- Melting Point: 5.5 °C
- Water Solubility: 1.79 g/L at 25 °C
- Biodegradability: Readily biodegradable
- Flammability: Highly flammable
- Corrosivity: Not corrosive
- Density: 0.876 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (does not dissociate in water)

13. Benzoic Acid
    - Molecular Formula: $C_7H_6O_2$
    - Molar Mass: 122.12 g/mol
    - Boiling Point: 249 °C
    - Melting Point: 122 °C
    - Water Solubility: 3.4 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Not corrosive
    - Density: 1.27 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.8 (saturated solution)
14. Biphenyl and PCBs (Polychlorinated Biphenyls)
    - Molecular Formula (Biphenyl): $C_{12}H_{10}$
    - Molar Mass (Biphenyl): 154.21 g/mol
    - Boiling Point (Biphenyl): 255 °C
    - Melting Point (Biphenyl): 69 °C
    - Water Solubility (Biphenyl): 6.94 mg/L at 25 °C
    - Biodegradability: PCBs are not readily biodegradable; biphenyl is biodegradable
    - Flammability: Flammable
    - Corrosivity: Not corrosive
    - Density (Biphenyl): 1.04 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (biphenyl)
15. Butane
    - Molecular Formula: C_4H_{10}
    - Molar Mass: 58.12 g/mol
    - Boiling Point: -1 °C
    - Melting Point: -138 °C
    - Water Solubility: 61 mg/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.579 g/L (gas)
    - Radioactivity: Non-radioactive

- pH Value: Neutral (does not dissociate in water)

16. Butene
    - Molecular Formula: C_4H_8
    - Molar Mass: 56.11 g/mol
    - Boiling Point: -6.3 °C
    - Melting Point: -185 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.62 g/L (gas)
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
17. Butyric Acid and Fatty Acids
    - Molecular Formula (Butyric Acid): $C_4H_8O_2$
    - Molar Mass (Butyric Acid): 88.11 g/mol
    - Boiling Point (Butyric Acid): 163.5 °C
    - Melting Point (Butyric Acid): -5 °C
    - Water Solubility (Butyric Acid): Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Corrosive to metals and skin
    - Density (Butyric Acid): 0.96 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 3.8 (0.1 M solution)
18. Caffeine
    - Molecular Formula: $C_8H_{10}N_4O_2$
    - Molar Mass: 194.19 g/mol
    - Boiling Point: Sublimes at 178 °C
    - Melting Point: 238 °C
    - Water Solubility: 2.17 g/100 mL at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.23 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 6.9 (1% solution)
19. Calcium Carbonate
    - Molecular Formula: $CaCO_3$
    - Molar Mass: 100.09 g/mol
    - Boiling Point: Decomposes at 1,339 °C
    - Melting Point: 825°C
    - Water Solubility: 0.013 g/L at 25 °C
    - Biodegradability: Non-biodegradable
    - Flammability: Non-flammable

- Corrosivity: Not corrosive
- Density: 2.71 g/cm³
- Radioactivity: Non-radioactive
- pH Value: 9.91 (saturated solution)

20. Calcium Oxide (Lime)
    - Molecular Formula: CaO
    - Molar Mass: 56.08 g/mol
    - Boiling Point: 2,850 °C
    - Melting Point: 2,613 °C
    - Water Solubility: 1.73 g/L at 20 °C
    - Biodegradability: Non-biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Corrosive
    - Density: 3.34 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 12.4 (saturated solution)

21. Calcium Sulfate (Gypsum)
    - Molecular Formula: $CaSO_4$
    - Molar Mass: 136.14 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 1,450 °C
    - Water Solubility: 0.209 g/100 mL at 25 °C
    - Biodegradability: Non-biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 2.32 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 7.7 (saturated solution)
22. Carbon Dioxide
    - Molecular Formula: CO_2
    - Molar Mass: 44.01 g/mol
    - Boiling Point: Sublimes at -78.5 °C
    - Melting Point: Sublimes at -78.5 °C (solid phase directly to gas)
    - Water Solubility: 1.45 g/L at 25 °C
    - Biodegradability: N/A (natural part of carbon cycle)
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.98 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: 3.7 (saturated solution, carbonic acid)

23. Carbon Monoxide
    - Molecular Formula: CO
    - Molar Mass: 28.01 g/mol
    - Boiling Point: -191.5 °C
    - Melting Point: -205.1 °C
    - Water Solubility: 2.3 g/L at 25 °C
    - Biodegradability: N/A (oxidizes to CO_2)
    - Flammability: Highly flammable
    - Corrosivity: Not corrosive
    - Density: 1.25 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
24. Chloroform
    - Molecular Formula: $CHCl_3$
    - Molar Mass: 119.38 g/mol
    - Boiling Point: 61.2 °C
    - Melting Point: -63.5 °C
    - Water Solubility: 8.09 g/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.489 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
25. Chlorophyll
    - Molecular Formula: $C_{55}H_{72}MgN_4O_5$ (Chlorophyll a)
    - Molar Mass: 893.49 g/mol (Chlorophyll a)
    - Boiling Point: Decomposes before boiling
    - Melting Point: Decomposes before melting
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: N/A (complex molecule)
    - Radioactivity: Non-radioactive
    - pH Value: N/A (depends on solution and form)
26. Cholesterol
    - Molecular Formula: $C_{27}H_{46}O$
    - Molar Mass: 386.65 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 148-150 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive

- Density: 1.067 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (pure form)

27. Citric Acid
    - Molecular Formula: $C_6H_8O_7$
    - Molar Mass: 192.12 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 153 °C
    - Water Solubility: 59.2 g/100 mL at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Slightly corrosive
    - Density: 1.66 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.2 (5% solution)
28. Cocaine
    - Molecular Formula: $C_{17}H_{21}NO_4$
    - Molar Mass: 303.35 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 98 °C
    - Water Solubility: 1.8 g/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.22 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: N/A (depends on form)
29. Cytosine, Thymine, and Uracil
    - Cytosine
        - Molecular Formula: $C_4H_5N_3O$
        - Molar Mass: 111.10 g/mol
        - Boiling Point: Decomposes before boiling
        - Melting Point: 320-325 °C
        - Water Solubility: Soluble
        - Biodegradability: Readily biodegradable
        - Flammability: Non-flammable
        - Corrosivity: Not corrosive
        - Density: 1.32 g/cm³
        - Radioactivity: Non-radioactive
        - pH Value: 6-7 (depends on solution)
    - Thymine
        - Molecular Formula: $C_5H_6N_2O_2$
        - Molar Mass: 126.11 g/mol
        - Boiling Point: Decomposes before boiling
        - Melting Point: 316-317 °C

        - Water Solubility: Slightly soluble
        - Biodegradability: Readily biodegradable
        - Flammability: Non-flammable
        - Corrosivity: Not corrosive
        - Density: 1.23 g/cm³
        - Radioactivity: Non-radioactive
        - pH Value: 6-7 (depends on solution)
    - Uracil
        - Molecular Formula: $C_4H_4N_2O_2$
        - Molar Mass: 112.09 g/mol
        - Boiling Point: Decomposes before boiling
        - Melting Point: 335 °C
        - Water Solubility: Soluble
        - Biodegradability: Readily biodegradable
        - Flammability: Non-flammable
        - Corrosivity: Not corrosive
        - Density: 1.32 g/cm³
        - Radioactivity: Non-radioactive
        - pH Value: 6-7 (depends on solution)
30. DDT (Dichlorodiphenyltrichloroethane)
    - Molecular Formula: $C_{14}H_9Cl_5$
    - Molar Mass: 354.49 g/mol
    - Boiling Point: 260 °C
    - Melting Point: 108.5 °C
    - Water Solubility: 0.025 mg/L at 25 °C
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.68 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
31. DEET (N,N-Diethyl-meta-toluamide)
    - Molecular Formula: $C_{12}H_{17}NO$
    - Molar Mass: 191.27 g/mol
    - Boiling Point: 288 °C
    - Melting Point: -45 °C
    - Water Solubility: 0.86 g/L at 25 °C
    - Biodegradability: Not readily biodegradable
    - Flammability: Flammable
32. Dichlorodifluoromethane (CFC-12)
    - Molecular Formula: CCl_2F_2
    - Molar Mass: 120.91 g/mol
    - Boiling Point: -29.8 °C
    - Melting Point: -158 °C
    - Water Solubility: 0.22 g/L at 25 °C

- Biodegradability: Non-biodegradable
- Flammability: Non-flammable
- Corrosivity: Not corrosive
- Density: 1.486 g/cm³ (at 25 °C)
- Radioactivity: Non-radioactive
- pH Value: Neutral

33. Dopamine
    - Molecular Formula: $C_8H_{11}NO_2$
    - Molar Mass: 153.18 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 128-130 °C
    - Water Solubility: 60 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.26 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 5-6 (depends on solution)
34. Epinephrine (Adrenaline)
    - Molecular Formula: $C_9H_{13}NO_3$
    - Molar Mass: 183.20 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 211-212 °C
    - Water Solubility: Soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.28 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.5-3.5 (0.1% solution)
35. Ethane
    - Molecular Formula: C_2H_6
    - Molar Mass: 30.07 g/mol
    - Boiling Point: -88.6 °C
    - Melting Point: -182.8 °C
    - Water Solubility: 60 mg/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 1.356 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
36. Ethene (Ethylene)
    - Molecular Formula: C_2H_4
    - Molar Mass: 28.05 g/mol

- Boiling Point: -103.7 °C
- Melting Point: -169.2 °C
- Water Solubility: 131 mg/L at 25 °C
- Biodegradability: Readily biodegradable
- Flammability: Highly flammable
- Corrosivity: Non-corrosive
- Density: 1.178 kg/m³ (gas at STP)
- Radioactivity: Non-radioactive
- pH Value: Neutral (does not dissociate in water)

37. Ether
    - Molecular Formula: $C_4H_{10}O$ (Diethyl ether)
    - Molar Mass: 74.12 g/mol
    - Boiling Point: 34.6 °C
    - Melting Point: -116.3 °C
    - Water Solubility: 6.9 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.7134 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
38. Ethyl Alcohol (Ethanol)
    - Molecular Formula: C_2H_5OH
    - Molar Mass: 46.07 g/mol
    - Boiling Point: 78.37 °C
    - Melting Point: -114.1 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.789 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
39. Ethylenediaminetetraacetic Acid (EDTA)
    - Molecular Formula: $C_{10}H_{16}N_2O_8$
    - Molar Mass: 292.24 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 250 °C
    - Water Solubility: 0.05 g/L at 25 °C
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 0.86 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.5 (0.1 M solution)

40. Fluoxetine (Prozac)
    - Molecular Formula: $C_{17}H_{18}F_3NO$
    - Molar Mass: 309.33 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 179-182 °C
    - Water Solubility: 14 mg/L at 25 °C
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.28 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (depends on form and solution)
41. Formaldehyde
    - Molecular Formula: CH_2O
    - Molar Mass: 30.03 g/mol
    - Boiling Point: -19 °C (gas)
    - Melting Point: -92 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Corrosive
    - Density: 0.815 g/cm³ (liquid)
    - Radioactivity: Non-radioactive
    - pH Value: 2.8-4 (aqueous solution)
42. Formic Acid
    - Molecular Formula: CH_2O_2
    - Molar Mass: 46.03 g/mol
    - Boiling Point: 100.8 °C
    - Melting Point: 8.4 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Corrosive
    - Density: 1.22 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 2.4 (1% solution)
43. Glucose
    - Molecular Formula: $C_6H_{12}O_6$
    - Molar Mass: 180.16 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 146 °C
    - Water Solubility: 909 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive

- Density: 1.54 g/cm³
- Radioactivity: Non-radioactive
- pH Value: 6-7 (neutral in solution)

44. Glycerol (Glycerin)
    - Molecular Formula: $C_3H_8O_3$
    - Molar Mass: 92.09 g/mol
    - Boiling Point: 290 °C
    - Melting Point: 17.8 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.261 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 5.5-7.5 (depends on solution)
45. Guanine
    - Molecular Formula: $C_5H_5N_5O$
    - Molar Mass: 151.13 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 350 °C (decomposes)
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 2.2 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 7 (neutral in solution)
46. Hydrochloric Acid
    - Molecular Formula: HCl
    - Molar Mass: 36.46 g/mol
    - Boiling Point: -85.05 °C (gas)
    - Melting Point: -114.2 °C (gas)
    - Water Solubility: Miscible
    - Biodegradability: N/A (dissociates in water)
    - Flammability: Non-flammable
    - Corrosivity: Highly corrosive
    - Density: 1.18 g/cm³ (concentrated solution)
    - Radioactivity: Non-radioactive
    - pH Value: <1 (concentrated solution)
47. Hydrogen Peroxide
    - Molecular Formula: H_2O_2
    - Molar Mass: 34.01 g/mol
    - Boiling Point: 150.2 °C
    - Melting Point: -0.43 °C
    - Water Solubility: Miscible

- Biodegradability: Readily biodegradable
- Flammability: Non-flammable (but strong oxidizer)
- Corrosivity: Corrosive
- Density: 1.45 g/cm³ (concentrated solution)
- Radioactivity: Non-radioactive
- pH Value: 4.5 (30% solution)

48. Hydrogen Sulfide
    - Molecular Formula: H_2S
    - Molar Mass: 34.08 g/mol
    - Boiling Point: -60.2 °C
    - Melting Point: -82 °C
    - Water Solubility: 4 g/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Corrosive
    - Density: 1.539 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: 4-5 (weak acid)
49. Ibuprofen
    - Molecular Formula: $C_{13}H_{18}O_2$
    - Molar Mass: 206.29 g/mol
    - Boiling Point: 157 °C (at 4 mmHg)
    - Melting Point: 75-78 °C
    - Water Solubility: 0.021 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.18 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 4-5 (in solution)
50. Indigo
    - Molecular Formula: $C_{16}H_{10}N_2O_2$
    - Molar Mass: 262.27 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 390-392 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.4 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
51. Insulin
    - Molecular Formula: $C_{257}H_{383}N_{65}O_{77}S_6$
    - Molar Mass: ~5,808 Da (varies by species)

- Boiling Point: Decomposes before boiling
- Melting Point: Decomposes before melting
- Water Solubility: Soluble
- Biodegradability: Readily biodegradable
- Flammability: Non-flammable
- Corrosivity: Not corrosive
- Density: N/A (complex protein)
- Radioactivity: Non-radioactive
- pH Value: 2.8-3.5 (in solution)

52. Iron(III) Oxide
    - Molecular Formula: Fe_2O_3
    - Molar Mass: 159.69 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 1,565 °C
    - Water Solubility: Insoluble
    - Biodegradability: Non-biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 5.24 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: N/A (insoluble in water)
53. Isooctane
    - Molecular Formula: C_8H_{18}
    - Molar Mass: 114.23 g/mol
    - Boiling Point: 99.3 °C
    - Melting Point: -107.38 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.692 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
54. Isoprene
    - Molecular Formula: C_5H_8
    - Molar Mass: 68.12 g/mol
    - Boiling Point: 34 °C
    - Melting Point: -145.95 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.681 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)

55. Methane
    - Molecular Formula: CH_4
    - Molar Mass: 16.04 g/mol
    - Boiling Point: -161.5 °C
    - Melting Point: -182.5 °C
    - Water Solubility: 22.7 mg/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.717 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
56. Methyl Alcohol (Methanol)
    - Molecular Formula: CH_3OH
    - Molar Mass: 32.04 g/mol
    - Boiling Point: 64.7 °C
    - Melting Point: -97.6 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.791 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
57. Methylphenidate (Ritalin)
    - Molecular Formula: $C_{14}H_{19}NO_2$
    - Molar Mass: 233.31 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 224-226 °C
    - Water Solubility: 7.6 mg/mL at 25 °C
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: 1.13 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
58. Monosodium Glutamate (MSG)
    - Molecular Formula: $C_5H_8NNaO_4$
    - Molar Mass: 169.11 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 232 °C
    - Water Solubility: 740 g/L at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive

- Density: 1.62 g/cm³
- Radioactivity: Non-radioactive
- pH Value: 6.7-7.2 (neutral in solution)

59. Naphthalene
    - Molecular Formula: $C_{10}H_8$
    - Molar Mass: 128.17 g/mol
    - Boiling Point: 218 °C
    - Melting Point: 80.26 °C
    - Water Solubility: 31.7 mg/L at 25 °C
    - Biodegradability: Not readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Non-corrosive
    - Density: 1.14 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
60. Nicotine
    - Molecular Formula: $C_{10}H_{14}N_2$
    - Molar Mass: 162.23 g/mol
    - Boiling Point: 247 °C
    - Melting Point: -79 °C
    - Water Solubility: 1 g/100 mL at 25 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Non-corrosive
    - Density: 1.01 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 10.2 (in solution)

61. Nitric Acid
    - Molecular Formula: HNO_3
    - Molar Mass: 63.01 g/mol
    - Boiling Point: 83 °C
    - Melting Point: -42 °C
    - Water Solubility: Miscible
    - Biodegradability: N/A (dissociates in water)
    - Flammability: Non-flammable
    - Corrosivity: Highly corrosive
    - Density: 1.51 g/cm³ (concentrated solution)
    - Radioactivity: Non-radioactive
    - pH Value: <1 (concentrated solution)

62. Nitric Oxide
    - Molecular Formula: NO
    - Molar Mass: 30.01 g/mol
    - Boiling Point: -152 °C
    - Melting Point: -164 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.3402 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: N/A (gas)
63. Nitrogen Dioxide
    - Molecular Formula: NO_2
    - Molar Mass: 46.01 g/mol
    - Boiling Point: 21 °C
    - Melting Point: -11.2 °C
    - Water Solubility: 0.01 g/mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Corrosive
    - Density: 1.88 g/L (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: 3.4-3.6 (in water)
64. Nitrous Oxide
    - Molecular Formula: N_2O
    - Molar Mass: 44.01 g/mol
    - Boiling Point: -88.48 °C
    - Melting Point: -90.81 °C
    - Water Solubility: 0.122 g/100 mL at 20 °C
    - Biodegradability: N/A (gas in atmosphere)
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.977 kg/m³ (gas at STP)
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
65. Nitroglycerin
    - Molecular Formula: $C_3H_5N_3O_9$
    - Molar Mass: 227.09 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 13.5 °C
    - Water Solubility: 1.35 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive

- Density: 1.6 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

66. Norethindrone
    - Molecular Formula: $C_{20}H_{26}O_2$
    - Molar Mass: 298.42 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 203-204 °C
    - Water Solubility: Practically insoluble
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.13 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
67. Penicillin
    - Molecular Formula: $C_{16}H_{18}N_2O_4S$
    - Molar Mass: 334.39 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 214 °C
    - Water Solubility: Soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.28 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
68. Phenol
    - Molecular Formula: C_6H_6O
    - Molar Mass: 94.11 g/mol
    - Boiling Point: 181.7 °C
    - Melting Point: 40.5 °C
    - Water Solubility: 8.3 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Corrosive
    - Density: 1.07 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 5.4 (0.1M solution)
69. Phosphoric Acid
    - Molecular Formula: H_3PO_4
    - Molar Mass: 98 g/mol
    - Boiling Point: 158 °C
    - Melting Point: 42.35 °C
    - Water Solubility: Miscible

- Biodegradability: N/A (dissociates in water)
- Flammability: Non-flammable
- Corrosivity: Highly corrosive
- Density: 1.88 g/cm³ (85% solution)
- Radioactivity: Non-radioactive
- pH Value: <1 (concentrated solution)

70. Piperine
    - Molecular Formula: $C_{17}H_{19}NO_3$
    - Molar Mass: 285.34 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 128-130 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.193 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
71. Potassium Carbonate
    - Molecular Formula: K_2CO_3
    - Molar Mass: 138.21 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 891 °C
    - Water Solubility: 1100 g/L at 20 °C
    - Biodegradability: N/A (inorganic salt)
    - Flammability: Non-flammable
    - Corrosivity: Corrosive
    - Density: 2.43 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 11.5 (5% solution)
72. Potassium Nitrate
    - Molecular Formula: KNO_3
    - Molar Mass: 101.1 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 334 °C
    - Water Solubility: 316 g/L at 20 °C
    - Biodegradability: N/A (inorganic salt)
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 2.11 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: 7 (neutral)
73. Propane
    - Molecular Formula: C_3H_8
    - Molar Mass: 44.1 g/mol

- Boiling Point: -42.1 °C
- Melting Point: -188 °C
- Water Solubility: 0.01 g/L at 20 °C
- Biodegradability: Readily biodegradable
- Flammability: Highly flammable
- Corrosivity: Non-corrosive
- Density: 2.0098 kg/m³ (gas at STP)
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

75. Propylene
    - Molecular Formula: C_3H_6
    - Molar Mass: 42.08 g/mol
    - Boiling Point: -47.6 °C
    - Melting Point: -185.2 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable
    - Flammability: Highly flammable
    - Corrosivity: Non-corrosive
    - Density: 0.493 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (does not dissociate in water)
76. Quinine
    - Molecular Formula: $C_{20}H_{24}N_2O_2$
    - Molar Mass: 324.42 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 177-179 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.18 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Basic (alkaline)
77. Saccharin
    - Molecular Formula: $C_7H_5NO_3S$
    - Molar Mass: 183.18 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 228-229 °C
    - Water Solubility: 1.2 g/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: ~1.8 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)

78. Silicon Dioxide (Silica)
    - Molecular Formula: SiO_2
    - Molar Mass: 60.08 g/mol
    - Boiling Point: 2,950 °C
    - Melting Point: 1,713 °C
    - Water Solubility: Insoluble
    - Biodegradability: Non-biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 2.65 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: ~7 (neutral)
79. Sodium Bicarbonate
    - Molecular Formula: $NaHCO_3$
    - Molar Mass: 84.01 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 50 °C
    - Water Solubility: 9 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 2.20 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: ~8.3 (alkaline)
80. Sodium Carbonate
    - Molecular Formula: Na_2CO_3
    - Molar Mass: 105.99 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 851 °C
    - Water Solubility: 22 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 2.54 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: ~11.6 (alkaline)
81. Sodium Chloride
    - Molecular Formula: NaCl
    - Molar Mass: 58.44 g/mol
    - Boiling Point: 1,413 °C
    - Melting Point: 801 °C
    - Water Solubility: 360 g/L at 20 °C
    - Biodegradability: N/A (inorganic salt)
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive

- Density: 2.165 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

82. Sodium Hydroxide
    - Molecular Formula: NaOH
    - Molar Mass: 40.00 g/mol
    - Boiling Point: 1,388 °C
    - Melting Point: 318 °C
    - Water Solubility: Miscible
    - Biodegradability: N/A (dissociates in water)
    - Flammability: Non-flammable
    - Corrosivity: Highly corrosive
    - Density: 2.13 g/cm³ (50% solution)
    - Radioactivity: Non-radioactive
    - pH Value: 14 (concentrated solution)
83. Sodium Hypochlorite
    - Molecular Formula: NaClO
    - Molar Mass: 74.44 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: -18 °C
    - Water Solubility: Miscible
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Corrosive
    - Density: 1.11 g/cm³ (12.5% solution)
    - Radioactivity: Non-radioactive
    - pH Value: 11-13 (solution)
84. Strychnine
    - Molecular Formula: $C_{21}H_{22}N_2O_2$
    - Molar Mass: 334.42 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 268-274 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Not corrosive
    - Density: ~1.3 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)

85. Styrene

- Molecular Formula: C_8H_8
- Molar Mass: 104.15 g/mol
- Boiling Point: 145 °C
- Melting Point: -30 °C
- Water Solubility: ~0.03 g/L at 20 °C
- Biodegradability: Readily biodegradable
- Flammability: Flammable
- Corrosivity: Non-corrosive
- Density: 0.909 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

86. Sucrose
    - Molecular Formula: $C_{12}H_{22}O_{11}$
    - Molar Mass: 342.30 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 186 °C
    - Water Solubility: 2,000 g/L at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.587 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
87. Sulfuric Acid
    - Molecular Formula: H_2SO_4
    - Molar Mass: 98.08 g/mol
    - Boiling Point: 337 °C
    - Melting Point: 10 °C
    - Water Solubility: Miscible
    - Biodegradability: N/A (dissociates in water)
    - Flammability: Non-flammable
    - Corrosivity: Highly corrosive
    - Density: 1.84 g/cm³ (96% solution)
    - Radioactivity: Non-radioactive
    - pH Value: <1 (concentrated solution)
88. Tetrafluoroethylene
    - Molecular Formula: C_2F_4
    - Molar Mass: 100.02 g/mol
    - Boiling Point: -76.3 °C
    - Melting Point: -142 °C
    - Water Solubility: Insoluble
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.447 g/cm³

- Radioactivity: Non-radioactive
- pH Value: Neutral (gas)

89. Tetrahydrocannabinol (THC)
    - Molecular Formula: $C_{21}H_{30}O_2$
    - Molar Mass: 314.46 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 157 °C
    - Water Solubility: Insoluble
    - Biodegradability: Not readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: ~1.0 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
90. Thymine
    - Molecular Formula: $C_5H_6N_2O_2$
    - Molar Mass: 126.11 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 316-317 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: ~1.5 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
91. Trinitrotoluene (TNT)
    - Molecular Formula: $C_7H_5N_3O_6$
    - Molar Mass: 227.13 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 81 °C
    - Water Solubility: Insoluble
    - Biodegradability: Not readily biodegradable
    - Flammability: Explosive
    - Corrosivity: Non-corrosive
    - Density: 1.654 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
92. Toluene
    - Molecular Formula: C_7H_8
    - Molar Mass: 92.14 g/mol
    - Boiling Point: 110.6 °C
    - Melting Point: -93 °C
    - Water Solubility: 0.52 g/L at 20 °C
    - Biodegradability: Readily biodegradable

- Flammability: Flammable
- Corrosivity: Non-corrosive
- Density: 0.866 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

93. Triuranium Octaoxide
    - Molecular Formula: U_3O_8
    - Molar Mass: 842.02 g/mol
    - Boiling Point: N/A (decomposes)
    - Melting Point: 2,075 °C
    - Water Solubility: Insoluble
    - Biodegradability: Not biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Corrosive to some metals
    - Density: 8.32 g/cm³
    - Radioactivity: Naturally radioactive
    - pH Value: N/A (solid)
94. Uracil
    - Molecular Formula: $C_4H_4N_2O_2$
    - Molar Mass: 112.09 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 335-338 °C
    - Water Solubility: Slightly soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: ~1.5 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Non-corrosive
    - Density: 0.866 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
95. Urea
    - Molecular Formula: CH_4N_2O
    - Molar Mass: 60.06 g/mol
    - Boiling Point: Decomposes before boiling
    - Melting Point: 133-135 °C
    - Water Solubility: Soluble
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.32 g/cm³

- Radioactivity: Non-radioactive
- pH Value: Neutral (7)

96. Vanillin
    - Molecular Formula: $C_8H_8O_3$
    - Molar Mass: 152.15 g/mol
    - Boiling Point: 285 °C
    - Melting Point: 81-83 °C
    - Water Solubility: ~2 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1.06 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
97. Vinyl Chloride
    - Molecular Formula: C_2H_3Cl
    - Molar Mass: 62.50 g/mol
    - Boiling Point: -13.4 °C
    - Melting Point: -153.7 °C
    - Water Solubility: 0.25 g/100 mL at 20 °C
    - Biodegradability: Readily biodegradable
    - Flammability: Flammable
    - Corrosivity: Non-corrosive
    - Density: 0.911 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
98. Water
    - Molecular Formula: H_2O
    - Molar Mass: 18.02 g/mol
    - Boiling Point: 100 °C
    - Melting Point: 0 °C
    - Water Solubility: Soluble
    - Biodegradability: N/A (does not biodegrade)
    - Flammability: Non-flammable
    - Corrosivity: Non-corrosive
    - Density: 1 g/cm³
    - Radioactivity: Non-radioactive
    - pH Value: Neutral (7)
99. Xylene
    - Molecular Formula: C_8H_{10}
    - Molar Mass: 106.16 g/mol
    - Boiling Point: 138-144 °C
    - Melting Point: -47.87 °C
    - Water Solubility: Insoluble
    - Biodegradability: Readily biodegradable

- Flammability: Flammable
- Corrosivity: Non-corrosive
- Density: 0.86 g/cm³
- Radioactivity: Non-radioactive
- pH Value: Neutral (7)