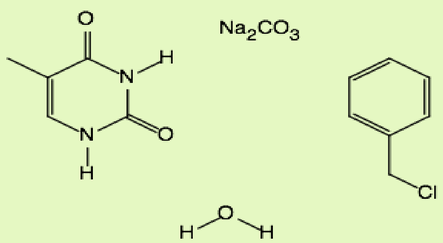
12 Green Chemistry Principles – In Action

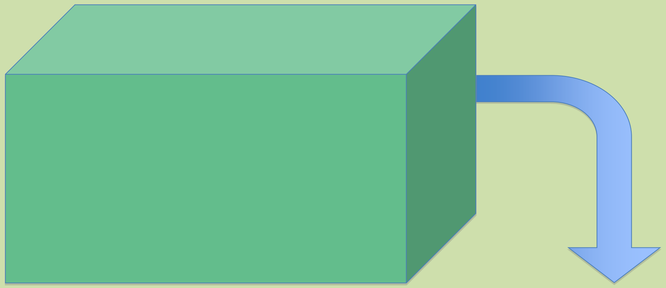
Raw Materials and Feedstocks:

- Atom Economy (2)
- Renewable Feedstocks (7)



The Product :

- Designing Safer Products (4)



End-of-Life:

- Recycle (1)
- Reuse (1)
- Regeneration (1)
- Compost/Biodegradable (10)
- Landfill (Pollution)

Processing Chemicals:

- Reduce Hazardous Processes (3)
- Energy Efficiency (6)
- Safer Solvents (5)
- Reduce Derivatives (8)
- Catalysis (9)
- Real-Time Analysis (11)
- Accident Prevention (12)

Pollution to Avoid:

- By-Products
- Unused Reagents and Raw Materials
- Spent Solvent
- Wasted Energy

Pollution Prevention:

- Reduce By-Product Formation (2)(8)
- Use Less/Safer Reagents and Raw Materials (3)
- Use Less/Safer Solvents (5)
- Reduce Energy Use (6)
- More Efficient Processes (9)