

**DfE I/T Laundry Initiative: Ingredient Work Sheet**

FORMULATOR: \_\_\_\_\_  
Your Company Name



PRODUCT NAME: \_\_\_\_\_



1. At what temperature does this enzyme work the fastest?
2. Why does enzyme activity increase? What are some of the graphs increase on the left side of the graph?
3. Why does enzyme activity decrease on the right side of the graph?

4. Humans share several enzymes with thermophilic bacteria. What does the graph below suggest about the conditions under which these thermophiles live?

