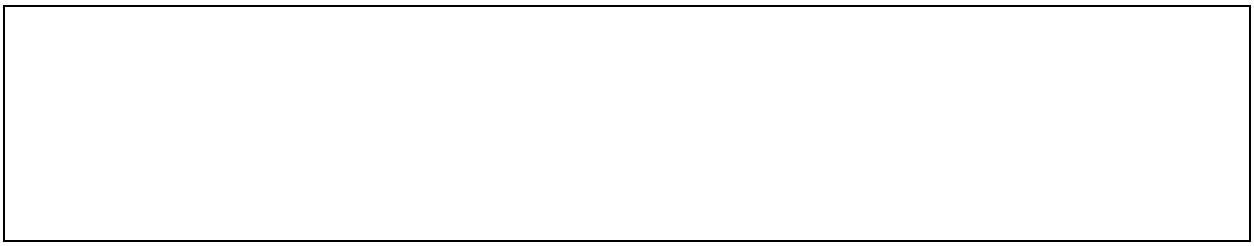
Chemical of the Week – Part 1

Instructions: Review the following and complete the hazard profile. Try to do as much as possible from memory, then check with at least 3 sources to complete the profile.

The solution will be provided later this week.

The Chemical of the Week is **Acetylene**

Hazard Profile	
Chemical Name and Pseudonyms	
UN Number	
Chemical Formula	
Chemical Structure	
Hazards	
PPE Considerations	
Fire Fighting Considerations	
Decontamination	
Detection and Monitoring	
Chemical and Physical Properties	
Physical State	
Vapor Pressure	
Boiling Point	
Vapor Density	
Specific Gravity	
Miscibility	
Flash Point	
LEL/UEL	
Auto Ignition Temperature	
Toxicity	
IDLH	
AEGL1/AEGL 2/AEGL 3 – 10 Min.	
PEL/REL/STEL	
pH	
Radioactive (Yes/No)	
Medical	
Toxicological Considerations	
Signs/Symptoms of Exposure	
Medical Treatment	
Other Information	
Chemical Structure