**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 **Carbolic Acid (solution)**

| **Hazard Profile** | |
|---|---|
| Chemical Name and Pseudonyms | |
| UN Number | |
| Chemical Formula | |
| Chemical Structure | |
| Hazards | |
| NFPA Hazard Class (H-F-R-Ⓞ) | |
| 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 | |
| LC50 | |
| LD50 | |
| AEGL1/AEGL 2/AEGL 3 – 10 Min. | |
| Emergency Response Planning Guide (ERPG) 1/2/3 | |
| Protective Action Criteria (PAC) 1/2/3 | |
| PEL/REL/STEL | |
| pH | |
| Radioactive (Yes/No) | |

| Medical | |
|---|---|
| Toxicological Considerations | |
| Signs/Symptoms of Exposure | |
| Medical Treatment | |
| **Other Information** | |
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| **Chemical Structure** | |
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