**Hot Plate/Stirrer**

Hot Plate/Stirrer

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| Potential Hazards while performing these activities | |
| Electrical Hazard | This equipment contains electrical units that may come into contact with skin or liquids. |
| Heat Hazard | This equipment produces heat and may cause burns. |
| Vapor Hazard | Chemicals that are heated could produce a vapor hazard. |
| Chemical Hazard | Chemicals may be stirred at a high rate of speed. Splashes and spills are possible. |
| Fire Hazard | Any improper use of this unit may cause a fire hazard. |

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| Preventions to reduce exposure to hazards: | |
| Eye Protection | Wear safety glasses with side shields while operating. |
| Protective Gloves | Wear appropriate gloves for heat and chemical usage. |
| Non-slip, closed shoes | Wear non-slip, closed toed shoes to avoid slipping. |
| Read Manual | Become familiar with this guide before operating. |

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| **Note**:  If you have additional questions about the operation of this equipment contact the LSM. |

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| Setup | Pictures |
| 1. Ensure the unit is plugged into an outlet. Check for any debris or combustible materials around the area of the hotplate. |  |
| 1. Use containers appropriate for heating/splashing and clamp if needed. When heating a closed vial with potential vapor build up use pressure rated glass vials provided. Contact LSM for advice on the appropriate container if needed. |  |
| Operation | Pictures |
| 1. Turn unit POWER on and adjust heat to desired temperature. When temperature is achieved the temp light will illuminate. |  |
| 1. Place sample in the center of the plate. |  |
| 1. If stirring is needed adjust the speed of agitation. Once the speed is achieved the light will illuminate. |  |
| 1. When heating and stirring duration is complete turn POWER off before removing sample. Allow to cool or use a protective heat glove to remove sample container. | E:\DCIM\101NIKON\DSCN1482.JPG |