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| **Company Information** | | | | | | | | | | |
| **Company Name:** | | |  | | | | | | | |
| **Workplace Location:** | | |  | | | | | | | |
| **Name of Safe Work Practice:** | | | | | | Chemical Storage and Use | | | **Release Date:** |  |
| **Safe Work Practice #:** | | | |  | | | | | **Revision Date:** |  |
| **Management Signature:** | | | | |  | | | | **Date of Approval:** |  |
| **Instructions** | | | | | | | | | | |
| This safe work practice must be reviewed annually or any time the task, equipment, or materials change. | | | | | | | | | | |
| Do **NOT** perform the duties listed in this *Safe Work Practice* until you have been appropriately trained and authorized to do so by your supervisor | | | | | | | | | | |
| **Required Training**: | | WHMIS, site specific chemicals | | | | | | | | |
| **Required Personal Protective Equipment and Devices:** | | | | | | | | | | |
| **\*\* See product SDS for specific PPE required\*\*** | | | | | | | | | | |
|  | Eye Protection may be required | | | | | |  | Gloves Required  [***type will be listed in SDS***] | | |
|  | Face shield may be required | | | | | |  | Protective Clothing Required | | |
|  | NIOSH Approved Respirator Required | | | | | |  | CSA Approved Safety Footwear Required | | |
|  | N95 mask may be required | | | | | |  | No jewelry, watches, rings, necklaces etc. | | |
|  | Long or loose hair must be tied back or contained | | | | | |  | No loose-fitting clothing | | |
|  |  | | | | | |  |  | | |
| **Potential Hazards:** Splashing from chemicals (skin and/or eye contact), mixing and off gassing of chemicals (inhalation of gases), crush injury when moving barrels | | | | | | | | | | |
| **Pre-Operational Safety Checks:** Inspect barrels for leaks/damage prior to moving barrels or swapping hoses from empty barrels to full barrels or decanting chemicals from barrels | | | | | | | | | | |

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| **Safe Work Practice** |
| **Before you Start** |
| 1. Inspect required personal protective equipment and replace if required. 2. Put on all required personal protective equipment. |
| **While you’re Working** |
| ***Storing Chemicals***   1. No mobile equipment to be operated in storage area 2. Area is to be identified where the chemicals will be stored (paint/tape on the ground) – do not store anything else in this area 3. Reduce personnel movement within storage area 4. Do not store acid and chlorine barrels side by side, ensure separation exists between these two incompatible chemicals 5. Ensure SDS have been obtained for all chemicals in storage area 6. Ensure eye wash station and first aid kit are readily available 7. Ensure all workers handling chemicals have taken a WHMIS course and have received site specific training on the chemicals being used 8. Chemical barrels will be inspected upon delivery to the farm and at a frequency to ensure they do not become a hazard 9. Ensure product labels are intact and legible 10. Place barrels in spill containment units of possible. |
| ***Using Chemicals***   1. No mobile equipment to be operated where chemicals are being used 2. Area is to be identified where the chemicals will be used (paint/tape on the ground) – do not store anything else in this area 3. Reduce personnel movement within chemical use area 4. Do not place acid and chlorine barrels side by side, ensure separation exists between these two incompatible chemicals 5. Ensure SDS have been obtained for all chemicals in chemical use area 6. Ensure eye wash station and first aid kit are readily available 7. Ensure all workers handling chemicals have taken a WHMIS course and have received site specific training on the chemicals being used 8. Chemical barrels will be inspected at a frequency to ensure they do not become a hazard 9. Ensure product labels are intact and legible 10. Place barrels in spill containment units of possible 11. Slowly remove/replace hoses to barrels 12. Wear appropriate PPE (dictated by SDS) 13. Do not slop or drip chemicals when removing or replacing hoses 14. If decanting chemicals – ensure a workplace label is affixed to the container the chemical is being decanted to 15. Ensure SDS have been obtained for all chemicals in chemical use |
| ***Moving Chemicals***   1. Ensure product labels are intact and legible 2. Ensure all workers handling chemicals have taken a WHMIS course and have received site specific training on the chemicals being used 3. Use 2 people to move the drum if possible 4. Move all hazards (tripping hazards, or hazards that may impede movement of the barrel or puncture barrel) between storage area and chemical use area prior to moving barrel 5. Inform all workers in the area that you will be moving barrels full of chemical 6. Utilize a drum dolly, do not attempt to roll the drum (be caution if using mobile equipment to move barrels as barrel punctures can occur) 7. Inspect barrels prior to and following move |
| **After you Finish**   1. Ensure PPE is cleaned prior to putting away 2. Identify and clean up (as per SDS) any spills that occurred while using chemicals 3. Notify supervisor of any issues with PPE or chemicals |
| ***If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.*** |
| **REPORT ANY HAZARDOUS SITUATION TO YOUR SUPERVISOR/MANAGER OR EMPLOYER IMMEDIATELY** |

