

## The Moray Council

## COSHH Assessment

Job: Chemical Application

Dept: Grounds Maintenance

Date: 23.04.18

<b>1. Substance Name:</b> Nomix Universal Cleaner		93	<b>2. Use/Task:</b> Cleaning Nomix Lances	
<b>3. Hazardous Ingredients/Components:</b> A blend of citrus oil, surfactants, sequestrants, perfume, preservatives and water.				
<b>4. Possible Exposures:</b>  Swallowing through poor hygiene.			<b>5. Exposure Routes:</b>  Ingestion.	
<b>6. Current Control Measures:</b> Stored in chemical safe. Usage levels recorded. All operators trained and certificated. Chemical suit, gloves (nitrile), and wellingtons worn during application. Barrier cream provided. Respiratory protection is not essential in normal use. Transported in a chemical safe. Operators provided with a copy of the data sheet. All squads have first-aid cover.				
<b>7. Possible Health &amp; Other Effects:</b> Not expected to produce any significant adverse health effects when recommended use instructions are followed. Not expected to cause long-term adverse effects in the environment when recommended use instructions are followed.				
<b>8. Process Description:</b> Connect container into Nomix sprayer.				
<b>9. Risk Score:</b>  24			<b>10. Control Adequate:</b> Yes / <del>No</del>	
<b>11. Additional Measures Required:</b>				
Action		By whom?		Due
None				
<b>12. Workplace Exposure limits:</b> Not applicable.			<b>13. Hazard Data Sheet:</b> Yes / <del>No</del>	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b>  April 2020	

<b>1. Substance Name:</b> Pan Paradise		134	<b>2. Use/Task:</b> Herbicide	
<b>3. Hazardous Ingredients/Components:</b>  Flazasulfuron 25%				
<b>4. Possible Exposures:</b> Contact during application. Spray created during application. Swallowing through poor hygiene.			<b>5. Exposure Routes:</b> Skin/eye contact. Ingestion. Inhalation	
<b>6. Current Control Measures:</b> Stored in chemical safe. Usage levels recorded. All operators trained and certificated. Chemical suit, gloves (nitrile), and waterproof boots worn during application. Barrier cream provided. Respiratory protection is not essential in normal use. Transported in a chemical safe. Operators provided with a copy of the data sheet. All squads have first-aid cover.				
<b>7. Possible Health &amp; Other Effects:</b> Unlikely to cause harmful effects. Very toxic to aquatic organisms. may cause long-term adverse effects in the aquatic environment. <b><u>LERAP B Product</u></b>				
<b>8. Process Description:</b> Product is in granule form. Mix substance in applicator. Apply using backpack sprayer.				
<b>9. Risk Score: 24</b>			<b>10. Control Adequate: Yes / No</b>	
<b>11. Additional Measures Required:</b>				
Action		By whom ?	Due	
None				
<b>12. Workplace Exposure limits:</b> None			<b>13. Hazard Data Sheet: Yes / No</b>	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b> April 2020	


<b>1. Substance Name:</b> Maintain		141	<b>2. Use/Task:</b> Plant Growth Regulator	
<b>3. Hazardous Ingredients/Components:</b>  Trinexapac-Ethyl (120.9g/l)				
<b>4. Possible Exposures:</b> Contact during application. Spray created during application. Swallowing through poor hygiene.			<b>5. Exposure Routes:</b> Skin/eye contact. Ingestion. Inhalation	
<b>6. Current Control Measures:</b> Stored in chemical safe. Usage levels recorded. All operators trained and certificated. Chemical suit, gloves (nitrile), and waterproof boots worn during application. Barrier cream provided. Respiratory protection is not essential in normal use. Transported in a chemical safe. Operators provided with a copy of the data sheet. All squads have first-aid cover.				
<b>7. Possible Health &amp; Other Effects:</b> Unlikely to cause harmful effects.				
<b>8. Process Description:</b> Product is a liquid. Mix substance in applicator (wearing face shield when handling concentrate). Apply using backpack sprayer.				
<b>9. Risk Score: 72</b>			<b>10. Control Adequate: Yes / No</b>	
<b>11. Additional Measures Required:</b>				
Action		By whom ?	Due	
None				
<b>12. Workplace Exposure limits:</b> None			<b>13. Hazard Data Sheet: Yes / No</b>	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b> April 2020	

<b>1. Substance Name:</b> Amenity Glyphosate 360		144	<b>2. Use/Task:</b> Herbicide	
<b>3. Hazardous Ingredients/Components:</b> Glyphosate; 41.5%				
<b>4. Possible Exposures:</b> Contact during application. Spray created during application. Swallowing through poor hygiene.			<b>5. Exposure Routes:</b> Skin/eye contact. Ingestion. Inhalation	
<b>6. Current Control Measures:</b> Stored in chemical safe. Usage levels recorded. All operators trained and certificated. Chemical suit, gloves (nitrile), and wellingtons worn during application. Barrier cream provided. Respiratory protection is not essential in normal use. Transported in a chemical safe. Operators provided with a copy of the data sheet. All squads have first-aid cover.				
<b>7. Possible Health &amp; Other Effects:</b> Can cause skin/eye irritation. Harmful by inhalation Toxic to aquatic organisms.				
<b>8. Process Description:</b> Mix substance in applicator. Apply using backpack sprayer. Operators do not work alone.				
<b>9. Risk Score: 72</b>			<b>10. Control Adequate: Yes / No</b>	
<b>11. Additional Measures Required:</b>				
Action		By whom ?		Due
None				
<b>12. Workplace Exposure limits:</b> None			<b>13. Hazard Data Sheet: Yes / No</b>	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b> April 2020	


<b>1. Substance Name:</b> Garlon Ultra		145	<b>2. Use/Task:</b> Herbicide for perennial and woody weed control.	
<b>3. Hazardous Ingredients/Components:</b> Triclopyr Triethylamine Salt; Aminopyralid Triisopropanolamine Salt; Alkylphenol alkoxyate				
<b>4. Possible Exposures:</b> Contact during mixing/application. Spray created during application. Swallowing through poor hygiene.			<b>5. Exposure Routes:</b> Skin/eye contact. Ingestion. Inhalation.	
<b>6. Current Control Measures:</b> Stored in a chemical safe. Usage levels recorded. All operators trained and certificated. Transported in a chemical safe. Operators provided with a copy of the data sheet. All squads have first-aid cover. Chemical spraying suits, nitrile gloves, face mask and suitable footwear.				
<b>7. Possible Health &amp; Other Effects:</b> Irritating to eyes/skin. Harmful if swallowed. Flammable. Dangerous to aquatic life (do not allow direct spray from hand-held sprayers to fall within 2 meters of surface waters or ditches). Keep livestock out of treated areas for at least 7 days.				
<b>8. Process Description:</b> Mix substance in applicator. Apply using backpack sprayer.				
<b>9. Risk Score:</b> 72			<b>10. Control Adequate:</b> Yes / <del>No</del>	
<b>11. Additional Measures Required:</b>				
Action		By whom?		Due
None				
<b>12. Exposure limits:</b> WEL 2 mg/m <sup>3</sup> for Triclopyr Triethylamine Salt. WEL 2 mg/m <sup>3</sup> for Alkyl phenol alkoxyate			<b>13. Hazard Data Sheet:</b> Yes / <del>No</del>	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b> April 2020	

<b>1. Substance Name:</b> NomixG		150	<b>2. Use/Task:</b> Herbicide	
<b>3. Hazardous Ingredients/Components:</b> Isopropylamine salt N-(phosphonomethyl) Glycine equivalent to 120 g/l glyphosate)				
<b>4. Possible Exposures:</b> Contact during application. Spray created during application. Swallowing through poor hygiene.			<b>5. Exposure Routes:</b> Skin/eye contact. Ingestion. Inhalation	
<b>6. Current Control Measures:</b> Stored in chemical safe. Usage levels recorded. All operators trained and certificated. Chemical suit, gloves (nitrile), and wellingtons worn during application. Barrier cream provided. Respiratory protection is not essential in normal use. Transported in a chemical safe. Operators provided with a copy of the data sheet. All squads have first-aid cover.				
<b>7. Possible Health &amp; Other Effects:</b> On the basis of available information, this material is not expected to produce any significant adverse health effects when recommended use instructions are followed. TOXIC TO AQUATIC ORGANISMS. Do not contaminate surface waters or ditches with chemical or used containers.				
<b>8. Process Description:</b> Shake well before use. Connect directly to Nomix applicator. Clean applicator after use.				
<b>9. Risk Score: 72</b>			<b>10. Control Adequate: Yes / No</b>	
<b>11. Additional Measures Required:</b>				
Action		By whom ?	Due	
None				
<b>12. Workplace Exposure limits:</b> None			<b>13. Hazard Data Sheet: Yes / No</b>	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b> Oct 2020	

<b>1. Substance Name:</b> Rosate 360 TF		151	<b>2. Use/Task:</b> Non selective weedkiller.	
<b>3. Hazardous Ingredients/Components:</b> Isopropylamine salt of <b>Glyphosate</b> (30-60%) Other ingredients (to 100%)				
<b>4. Possible Exposures:</b> Contact during mixing or application. Spray created during application. Swallowing through poor hygiene.			<b>5. Exposure Routes:</b> Skin/eye contact. Inhalation. Ingestion.	
<b>6. Current Control Measures:</b> Stored in chemical safe. Usage levels recorded. All operators trained and certificated. Chemical spraying suit, nitrile gloves, face mask and suitable footwear worn during mixing and application. Transported in a chemical safe. Operators provided with copy of the data sheet. All squads have first-aid cover.				
<b>7. Possible Health &amp; Other Effects:</b> Can cause skin/eye irritation. Poor hygiene could lead to inadvertent ingestion and vomiting or stomach pains.				
<b>8. Process Description:</b> Mix substance in applicator. Apply using backpack sprayer. Operators do not work alone.				
<b>9. Risk Score:</b> 72			<b>10. Control Adequate:</b> Yes / <del>No</del>	
<b>11. Additional Measures Required:</b>				
Action		By whom ?		Due
None				
<b>12. Exposure limits:</b> None			<b>13. Hazard Data Sheet:</b> Yes / <del>No</del> Data sheets for individual products are on file.	
<b>14. Monitoring Results:</b> N/A			<b>15. Health Surveillance:</b> Records of individual exposure are kept.	
<b>16. Signature:</b>			<b>17. Review Date:</b> April 2020	

<b>1. Substance Name:</b> Symbio Aqua Blue Dye		<b>2. Use/Task:</b> Dye used to filter out sunlight to reduce algal growth in lakes and ponds	
<b>3. Hazardous Ingredients/Components:</b> Triaryl Methane Dye Preparation			
<b>4. Possible Exposures:</b> Swallowing through poor hygiene. Direct contact via contaminated hands/clothes. Intake of vapour.		<b>5. Exposure Routes:</b> Ingestion. Inhalation. Skin/eye contact.	
<b>6. Current Control Measures:</b> Store in cool, dry ventilated area. PPE – gloves, respiratory protection, coveralls. Use in well ventilated area, remove contaminated clothing. Wash effected skin with plenty of water and soap. Flush with water, DO NOT INDUCE VOMITING, seek medical attention if adverse reaction occurs or symptoms persist.			
<b>7. Possible Health &amp; Other Effects:</b> No significant Hazard			
<b>8. Process Description:</b> Measured quantities of Aqua Blue Dye are poured into the pond at equidistance around its perimeter.			
<b>9. Risk Score:18</b>		<b>10. Control Adequate:</b> Yes / <del>No</del>	
<b>11. Additional Measures Required:</b>			
Action		By whom ?	Due
None		n/a	n/a
<b>12. Exposure limits:</b> None		<b>13. Hazard Data Sheet:</b> Yes / <del>No</del>	
<b>14. Monitoring Results:</b> None		<b>15. Health Surveillance:</b> N/A	
<b>16. Signature:</b> 		<b>17. Review Date:</b> May 2022	



<b>1. Substance Name:</b> Symbio Blue Water		<b>2. Use/Task:</b> Biological Treatment for problem water features, ponds and lakes.	
<b>3. Hazardous Ingredients/Components:</b> Mixture containing 13 Bacillus Sp grown on wheat germ that is not genetically modified			
<b>4. Possible Exposures:</b> Swallowing through poor hygiene. Direct contact via contaminated hands/clothes. Intake of dust.		<b>5. Exposure Routes:</b> Ingestion. Inhalation. Eye contact.	
<b>6. Current Control Measures:</b> Store in original containers, Read label before use. Avoid dust formation, do not breath dust, work in well ventilated area. Wash hands after working with product, do not smoke, eat or drink when working with product. Employees should wear PPE – coveralls, shoes and gloves. Dust masks also available. Remove contaminated clothing. Wash effected skin with plenty of water and soap. Flush with water, DO NOT INDUCE VOMITING, seek medical attention if adverse reaction occurs or symptoms persist.			
<b>7. Possible Health &amp; Other Effects:</b> Sensitive individuals may experience breathing difficulties. Bacteria in this product are classed as hazard group 1-defined by Advisory Committee on Dangerous Pathogens as a “biological agent unlikely to cause human disease” It should not be assumed however and this mixture should therefore not be used by or in the presence of immunocompromised persons.			
<b>8. Process Description:</b> 25 Sachets placed into the water of the Cooper Park pond at equidistance around its perimeter.			
<b>9. Risk Score:18</b>		<b>10. Control Adequate:</b> Yes / <del>No</del>	
<b>11. Additional Measures Required:</b>			
Action		By whom ?	Due
None		n/a	n/a
<b>12. Exposure limits:</b> None		<b>13. Hazard Data Sheet:</b> Yes / <del>No</del>	
<b>14. Monitoring Results:</b> None		<b>15. Health Surveillance:</b> N/A	
<b>16. Signature:</b> 		<b>17. Review Date:</b> May 2022	