










Risk estimation matrix

Severity of Harm	Likelihood of harm		
	High	Medium	Low
Severe	High	High	Medium
Moderate	High	Medium	Low
Minor	Medium	Low	Low

Please keep a record of this risk assessment

***Review of assessment**

This assessment should be reviewed every year and immediately if there is reason to believe that it is no longer valid (e.g. after an accident/incident), if there is a significant change in the work activity to which it relates or if the results of monitoring or health surveillance indicate it to be necessary.







Hazard									
	Health Hazard	Toxic	Corrosive	Harmful/Irritant	Flammable	Oxidising	Explosive	Compressed Gas	Danger for the Environment

Workplace exposure limits (WELs)

WELs are British occupational exposure limits and are set in order to help protect the health of workers. WELs are concentrations of hazardous substances in the air, averaged over a specified period of time, referred to as a time-weighted average (TWA). Two time periods are used:

- long-term (8 hours); and
- short-term (15 minutes)

Short-term exposure limits (STELs) are set to help prevent effects such as eye irritation, which may occur following exposure for a few minutes.

Product/Process:		Monsanto Amenity Glyphosate XL		Assessed by:		Ray Ellis		Page 1 of		2	
Description & Use – Supplied as a soluble concentrate and used as a foliar absorbed translocated herbicide for the control of broadleaved and grass weeds. Active ingredient glyphosate as the isopropylamine salt											
Persons Exposed											
Operatives		<20		Daily/Hrs							
Hazard Symbol	Not classified as dangerous			Risk Rating Before Assessment							
				High				Medium		Low	
				√							
Risks to Health and Hazard Description		Skin contact – may cause mild skin irritation Eye contact – may cause eye damage Inhalation – Not expected to produce significant adverse effects when recommended use instructions are followed Ingestion – Not expected to produce significant adverse effects when recommended use instructions are followed		Required Control Measures		Pre-employment assessment would identify any potential vulnerable persons – Continually assess the procedure to highlight the use of less hazardous products: Emergency tel. no: - 01865 407333 UK National Chemical Emergency Centre: 0870 190 6621 Dublin Poisons Information Centre: +353 (01) 809 2166 PPE required when handling the concentrate – splash resistant or waterproof coverall or similar (type 5 or 6 to EN 13034), nitrile gloves (EN 374), face shield (BS EN 166) or goggles, waterproof boots PPE required when spraying - splash resistant or waterproof coverall or similar (type 5 or 6 to EN 13034), nitrile gloves (EN 374), waterproof boots. Avoid breathing spray – if significant risk of breathing spray is present or comfort level exceeded, wear a disposable mask to FFP3 or a respirator fitted with A2B2P3 filter (to EN 140) Keep away from food, drink and animal foodstuffs Do not smoke eat or drink when using this product Remove contaminated clothing immediately Wash hands before breaks and immediately after handling this product Ensure sufficient supervision, ensure trained and competent personnel. Health Surveillance Required – Yes With the use of good occupational and hygiene practices any risk will be minimal. Safer alternatives currently available: - No safer alternatives are currently available.					
PPE		     		Risk Rating Following Control Measures							
				High				Medium		Low	
										√	
First Aid		Eyes		Irrigate eyes immediately with water for at least 15 minutes, especially under eyelids removing any contact lenses if easy to do so. Seek medical attention immediately				Skin		Take off contaminated clothing, wristwatch, jewellery. Immediately wash affected skin with plenty of water. Wash clothes and clean shoes before re-use.	
		Ingestion		Rinse mouth thoroughly with water. Remove particles from mouth. Immediately offer water to drink. Do NOT induce vomiting unless directed by medical personnel. If symptoms occur, get medical attention.				Inhalation		Remove to fresh air.	

Product/Process:	Monsanto Amenity Glyphosate XL			Assessed by:	Ray Ellis		Page 2 of	2
Hazardous Ingredients	Substance	Exposure Limit WEL 8Hr TWA	Exposure Limit STEL	Substance	Exposure Limit WEL 8Hr TWA	Exposure Limit STEL		
	None specified							
Handling	Good industrial practice in housekeeping and personal hygiene should be followed. Avoid contact with eyes. When using do not eat, drink or smoke. Wash hands thoroughly after handling or contact. Wash contaminated clothing before re-use. Thoroughly clean equipment after use. Do not contaminate drains, sewers and water ways when disposing of equipment rinse water. Refer to section 13 of the safety data sheet for disposal of rinse water. Emptied containers retain vapour and product residue. FOLLOW LABELLED WARNINGS EVEN AFTER CONTAINER IS EMPTIED.							
Storage	Compatible materials for storage: stainless steel, fibreglass, plastic, glass lining Incompatible materials for storage: galvanised steel, unlined mild steel, see section 10. Minimum storage temperature: -5 °C Maximum storage temperature: 35 °C Keep out of reach of children. Keep away from food, drink and animal feed. Keep container tightly closed in a cool, well-ventilated place. Keep only in the original container. Minimum shelf life: 2 years.							
Fire Precautions and Extinguisher Type	Fire – Call fire service immediately (999) and show this sheet on arrival. Avoid breathing smoke or fumes. Use self-contained breathing apparatus as dangerous fumes may be generated. Use foam, dry powder, water spray or CO2. Do not use water jets as an extinguisher as this will spread the fire. Contain fire-fighting water. If without risk, remove intact containers from exposure to fire or spray unopened containers with water mist to keep cool. The product is an aqueous solution. However, if heated or involved in a fire product may produce flammable or toxic vapours and gases. Follow appropriate CWC emergency procedure.							
Accidental Release and Spillage Plan	Spillage – Keep other people away. Wear splash resistant or waterproof coverall (as above) or similar, gloves (as above), face shield (as above) or goggles, waterproof boots. Do not flush away with water. Contain and absorb with soil, sand or absorbent granules and dispose of via an approved contractor. Inform Environment Agency (03708 506 506) or SEPA (03000 996699) or the Environment and Heritage Service (N. Ireland) or EPA (Ireland) immediately if substance enters drains.							
Disposal of Substance and Contaminated Containers	Thoroughly empty packaging, rinse and dispose of it via an approved contractor or to a suitably licensed site for recycling wherever possible. Dispose of surplus diluted spray via an approved contractor. Dispose of surplus concentrate back to supplier or (including spillage) via an approved contractor. Suitable spill kit to be available at all times at main store and in vehicles. Use only licensed waste disposal companies for unwanted chemical. Do not re-use empty containers for any purpose.							
Environmental Considerations	Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency							
SDS & Other References	Monsanto Amenity Glyphosate XL SDS COMPLETED 03/02/17							