





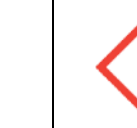




Risk estimation matrix

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This assessment should be reviewed every year and immediately if there is reason to believe that it is no longer valid (e.g. after an accident/incident), if there is a significant change in the work activity to which it relates or if the results of monitoring or health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:		Intracrop Quartz		Assessed by:		Craig Brannigan		Page 1 of		2	
Description & Use – Used as an agricultural/horticultural/industrial/forestry spreading, sticking and wetting agent. The main area of exposure is the eyes, skin and respiratory system.											
Persons Exposed											
Operatives		<20		Daily/Hrs							
Hazard Symbol				Risk Rating Before Assessment							
				High		Medium		Low			
Risks to Health and Hazard Description		Hazard statements: Harmful if swallowed. Harmful to aquatic life with long lasting effects. Causes serious eye damage.		Required Control Measures		<p>Pre-employment assessment would identify any potential vulnerable persons –. Continually assess the procedure to highlight the use of less hazardous products: Registration number: A0776 - Emergency tel. no: 0870 190 6777 - UK National Chemical Emergency Centre: 0870 190 6621 - Dublin Poisons Information Centre: 01 809 2166</p> <p>PPE required when handling the concentrate – splash resistant or waterproof coverall or similar (type 5 or 6 to EN 13034), face shield (BS EN 166) or tightly fitted goggles, waterproof boots.</p> <p>PPE required when spraying – comply with the COSHH assessment for the product with which Intracrop Quartz is mixed. For prolonged periods of exposure to the product for professional users/industrials Gloves in line with EN 374</p> <p>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).</p> <p>Provide emergency showers or eye wash stations.</p> <p>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 adequate local exhaust ventilation if airborne mists or vapours are generated.</p> <p>What improvements/safer alternative substances/processes can be made? Ensure sufficient supervision, ensure trained and competent personnel.</p> <p>Health Surveillance Required – Yes</p> <p>With the use of good occupational and hygiene practices any risk will be minimal.</p> <p>Safer alternatives currently available: - No safer alternatives are currently available.</p>					
						PPE				Risk Rating Following Control Measures	
						High		Medium		Low	
										✓	
First Aid		Eyes		Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product				Skin		In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters), seek medical advice with this Safety data Sheet	
		Ingestion / aspiration		Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.				Inhalation		In case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.	

Product/Process:	Intracrop Quartz			Assessed by:		Craig Brannigan		Page 2 of	2
Hazardous Ingredients	Substance	Exposure Limit WEL 8Hr TWA	Exposure Limit WEL 15 mins STEL						
	2-(2-BUTOXYETHOXY)ETHANOL	67.5 mg/m3	101.2 mg/m3	Propane-1,2-diol	474 mg/m3 150 ppm	-			
Handling	Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods. Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. Conditions to avoid: Heat. Materials to avoid: Strong oxidising agents. Strong acids.								
Storage	Avoid sources of heat, radiation, static electricity and contact with food. Minimum Temp.: 2 °C. Maximum Temp.: 35 °C. Maximum time: 24 Months. Conditions to avoid: Heat. Materials to avoid: Strong oxidising agents. Strong acids.								
Fire Precautions and Extinguisher Type	Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Follow CWC Emergency Procedures.								
Accidental Release and Spillage Plan	Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Environment Agency or SEPA (0800 807060) or the Environment and Heritage Service (N. Ireland) or EPA (Ireland) immediately if this product enters drains.								
Disposal of Substance and Contaminated Containers	Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of by drain.								
Environmental Considerations	Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.								
SDS & Other References	INTRACROP QUARTZ - Date of compilation: 22/02/2022 Version: 1								