

COSHH ASSESSMENT RECORD

Date of Assessment: 31/10/2008				Assessor: Liz Maw			
Substance: Friogel (Propylene glycol)				Location: Croespenmaen Warehouse – also taken out on site for use with ice rinks			
Forms of substance (Tick box)	Solid		Liquid	✓	Gas		
Is a safer alternative available? (If yes name the alternative, trial and then assess the alternative substance) No							
How will the substance be used? (List different tasks including storage, surface coating, spraying, dilution, decanting etc) Storage & on site pumped around the chiller unit to maintain ice pad at the correct temperature							
Frequency substance will be used	Stored for months – used on site for weeks at a time			Quantity to be used			
Who will be exposed to this substance? (Tick those applicable)							
Employees	✓	Contractors	✓	Customers	✓	Visitors	✓
Record the risk phrases from the hazard data sheet (Section 15) None							
Hazards to users (Tick those applicable) None							
Irritant	Corrosive	Harmful	Toxic	Flammable	Oxidising	Explosive	Other
Possible route to gain entry to the body (Tick those applicable)							
Inhalation		Ingestion		Absorption		Contact	
		✓				✓	
Workplace Exposure (WEL) if applicable	Limit	N/A			Not applicable		
Record existing control measures:	<p>Large quantities are stored at Croespenmaen. The substance is low hazard and stable. Containers are palletised and moved with fork lift trucks by trained operatives.</p> <p>Spill kits are available and go out on all sites as part of the standard kit.</p> <p>Food colouring is added to the substance to make it easy to identify leaks when setting up systems on site.</p> <p>Staff advised to observe normal standards of occupational hygiene – wash hands before eating, drinking, smoking or going to the toilet after handling friogel.</p>						
Record any additional controls required?	No additional controls required.						
Do controls reduce exposure below the WEL (if applicable)	N/A						
Is there any monitoring	No						

required? Record details:	
Is health surveillance required? Outline details:	No
Record emergency first aid details: (section 4 of the hazard data sheet)	<p>Eye contact – rinse with warm water frequently contracting the eyelids. Consult an eye specialist if the irritation persists.</p> <p>Ingestion not considered harmful if used as prescribed, however if there is massive ingestion, give 500ml of lukewarm water to drink, but only if the victim is perfectly conscious. Do not induce vomiting. The risk of pulmonary damage is greater than the danger of intoxication. Consult a GP immediately.</p>
Outline arrangements for safe storage, disposal and spills:	<p>Use spill kit which contains absorbent material and bunding to contain and clear up any spillage.</p> <p>Friogel can contaminate water systems – if there is a large scale release on site do not discharge the product into sewers/natural waters. Systems are checked for leaks when ice rinks are installed.</p>