
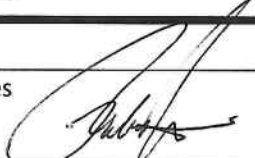


HAZARD ALERT																					
Department: Queensland Metals																					
Location: George Fisher Mine																					
Date: 30/07/2020																					
Hazard Alert Title: Hand sanitiser stored in inappropriate containers																					
Fatal Hazard: 9. Fire and Explosion	For "Other" describe: N/A																				
Brief Description																					
<p>Sanitiser has been delivered to site in packages easily mistaken for water bottles and not spill proof by design. This poses two risks to workers:</p> <ol style="list-style-type: none"> 1) Injesting the contents by mistaking sanitiser for a water bottle. 2) Uncontrolled release of flammable liquid through lack of spill proof design. <p>Alcohol-based hand sanitisers contain very high percentages of ethanol and isopropyl alcohol. These are classified as flammable liquids, and present a fire hazard as they have a very low flash point.</p> <p>The flash points of ethanol is 17.5°C (80 per cent volume) and isopropyl alcohol is 19°C (75 per cent volume)</p> <p>The World Health Organisation recommends a minimum alcohol concentration of 60% to be an effective control against Covid-19.</p>	 <table border="1" data-bbox="1177 981 1508 1339"> <thead> <tr> <th colspan="2">Drug Facts</th> </tr> </thead> <tbody> <tr> <td>Active ingredient</td> <td>Purpose</td> </tr> <tr> <td>Ethyl alcohol 70% v/v</td> <td>Antimicrobial</td> </tr> <tr> <td colspan="2">Uses • Hand sanitizer to help reduce bacteria on the skin that could cause disease • Recommended for repeated use</td> </tr> <tr> <td colspan="2">Warnings</td> </tr> <tr> <td colspan="2">Flammable. Keep away from fire or flame.</td> </tr> <tr> <td colspan="2">For external use only</td> </tr> <tr> <td colspan="2">When using this product do not use in or near the eyes. In case of contact, rinse eyes thoroughly with water.</td> </tr> <tr> <td colspan="2">Stop use and ask a doctor if irritation or rash appears and lasts.</td> </tr> <tr> <td colspan="2">Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.</td> </tr> </tbody> </table>	Drug Facts		Active ingredient	Purpose	Ethyl alcohol 70% v/v	Antimicrobial	Uses • Hand sanitizer to help reduce bacteria on the skin that could cause disease • Recommended for repeated use		Warnings		Flammable. Keep away from fire or flame.		For external use only		When using this product do not use in or near the eyes. In case of contact, rinse eyes thoroughly with water.		Stop use and ask a doctor if irritation or rash appears and lasts.		Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.	
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Corrective and Preventative Actions																					

1. Sanitisers purchased for site must have a minimum alcohol content of 60%, but should aim for 80% ethanol or 75% isopropyl alcohol content to be an effective control against the spread of Covid-19.
2. They must not be purchased in, or decanted into containers that could be mistaken for a drink bottle.
3. To prevent the risk of spillage, sanitisers purchased for site must have a pump top dispenser.
4. Hand sanitisers are a classified Dangerous Good and release flammable vapours, especially when heated i.e. stored in a hot vehicle. Keep away from heat, sparks, open flames, hot surfaces etc. No smoking.
5. Hand sanitisers with inappropriate containers will be removed from site and replaced with a suitable alternative.

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