



WHMIS (Pictograms)	WHMIS (Classification)	Protective Clothing (Pictograms)	TDG (Pictograms)
	D: Poisonous and Infections Materials		Not Regulated

Section 1. Hazardous Ingredients				
Name	CAS #	% (W/W)	TLV-TWA (8 Hr)	Ceiling
Water	7732-18-5	100	Not established	Not established
Hydrogen Sulphide	7783-06-4	>1	10 ppm	15 ppm
<b>LD50 (species and route)</b>	Testing not conducted.			
<b>LC50 (species and route)</b>	Testing not conducted.			

Section 2. Preparation Information	
<b>Created By:</b>	Intergroup Companies (403) 253-9138
<b>Issue Date:</b>	April 14, 2005
<b>Supersedes:</b>	"December 10, 2002"

Section 3. Product Information			
<b>Product Name</b>	<b>PRODUCED WATER</b>	<b>In case of emergency</b>	<b>PrimeWest Energy Inc. 24 Hr. Emergency #:</b>
<b>Synonym</b>	None known		<b>1-888-234-6866</b>
<b>Manufacturer</b>	PrimeWest Energy Inc. 4700, 150 – 6 Avenue S.W. Calgary, Alberta T2P 3Y7		<b>CANUTEC: 1-613-996-6666</b>
<b>Product Use</b>			<b>Poison Control Centre:</b> Consult local telephone directory for emergency number(s)

Section 4. Physical Data			
<b>Physical State</b>	Liquid	<b>Viscosity</b>	Not determined
<b>Colour</b>	Discoloured, slightly oil water	<b>Specific Gravity</b>	(water=1) Not determined
<b>Odour</b>	Rotten egg odour	<b>pH</b>	Not determined
<b>Odour Threshold</b>	Not determined	<b>Oil/Water Dist. Coefficient</b>	Not determined
<b>Boiling Point</b>	Not determined	<b>Freezing Point</b>	Not determined
<b>Vapour Density</b>	Not determined	<b>Vapour Pressure</b>	Not determined

Section 5. Fire or Explosion Hazard			
<b>Flammability</b>	None	<b>Auto-Ignition Temperature</b>	Not determined
<b>Upper Flammable Limit</b>	Not determined	<b>Lower Flammability Limit</b>	Not determined
<b>Explosion Data - sensitivity to mechanical impact</b>	None known.	<b>Explosion Data - sensitivity to static discharge</b>	Due to extremely variable composition of the material, specific information cannot be given. Surface burning could occur if there is sufficient oily top layer and a source of ignition.
<b>Flash Point and method of determination</b>	Not applicable		
<b>Products of Combustion</b>	None identified.		
<b>Fire Fighting Media and Instructions</b>	Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.		

Section 6. Reactivity Data	
<b>Circumstances of Instability</b> Stable	<b>Decomposition Products</b> Evolves toxic Hydrogen Sulphide and other Sulphur-containing gases.
<b>Conditions of Reactivity</b> None identified	
<b>Incompatible Substances/Conditions to Avoid</b> None identified	

Section 7. Toxicological Properties	
<b>Routes of Entry</b>	Inhalation, oral.
<b>Effects of Acute Exposure</b>	
Dermal	Testing not conducted.
Inhalation	Testing not conducted.
Oral	Testing not conducted.
Eye Irritation/Inflammation	Testing not conducted.
<b>Effects of Chronic Exposure</b>	
Dermal	No significant health hazards identified.
Inhalation	Vapours containing Hydrogen Sulphide may accumulate during storage or transport. Harmful if inhaled.
Oral	Harmful if a large amount is swallowed.
Eye Irritation/Inflammation	No significant health hazards identified.
<b>Irritancy of Product</b>	
Dermal	No significant health hazards identified.
Inhalation	Prolonged breathing (greater than 1 hour) of concentrations of H <sub>2</sub> S around 50 ppm can produce eye and respiratory tract irritation: levels of 250-600 ppm will result in fluid in the lungs, and concentrations around 1000 ppm will cause unconsciousness and death in a short period of time. Since smell rapidly becomes insensitive to this toxic, colourless gas, odour cannot be relied upon as an indicator of concentration of the gas.
Oral	Not available.
Eye Irritation/Inflammation	No significant health hazards identified.
<b>Sensitization of Product</b>	
Dermal	No significant health hazards identified.
Inhalation	Not available.
Oral	Not available.
Eye Irritation/Inflammation	No significant health hazards identified.
<b>Exposure Limits</b>	
Immunotoxicity	Not available.
Skin Sensitization	No significant health hazards identified.
Respiratory Tract Sensitization	Not available.
Mutagenic	This product is not known to contain any components at $\geq 0.1\%$ that have been shown to cause mutagenicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a mutagen.
Reproductive Toxicity	This product is not known to contain any components at $\geq 0.1\%$ that have been shown to cause reproductive toxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a reproductive toxin.
Teratogenicity/Embryotoxicity	This product is not known to contain any components at $\geq 0.1\%$ that have been shown to cause teratogenicity and/or embryotoxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a teratogen/embryotoxin.
Carcinogenicity (ACGIH)	Not a known carcinogenic.

<b>Section 8. Preventative Measures</b>	
<b>Engineering Controls</b>	Control airborne concentrations below the exposure guidelines.
<b>Personal Protection</b>	- This selection of personal protective equipment varies, depending upon conditions of use.
<b>Eyes</b>	None required; however, use of eye protection is good industrial practice.
<b>Body</b>	None required; however, use of protective clothing is good industrial practice.
<b>Respiratory</b>	Do not breathe mist or vapour. Air supplied respirator should be worn whenever it is required for the worker's face to be within three feet of an open hatch. If operating conditions cause high vapour or mist concentrations, or the TLV is exceeded, use supplied-air respirator.
<b>Hands</b>	None required; however, use of protective gloves is good industrial practice.
<b>Feet</b>	None required; however, use of protective footwear is good industrial practice.
<b>Accidental Release Measures</b>	
<b>Material Release or Spill</b>	Contain and remove by mechanical means.
<b>Disposal Considerations</b>	
<b>Waste Disposal</b>	Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.
<b>Handling and Storage</b>	
<b>Handling</b>	Do not breathe vapours. Keep out of sewers and waterways.
<b>Storage</b>	Keep container closed. Vapours containing Hydrogen Sulphide may accumulate during storage or transport. Keep adequately ventilated. Keep out of sewers and waterways.
<b>Transport Information</b>	
<b>TDG Classification</b>	Not regulated
<b>Special Provisions for Transport</b>	None

<b>Section 9. First Aid Measures</b>	
<b>Eye Contact</b>	Flush eyes with plenty of water.
<b>Skin Contact</b>	Wash exposed skin with soap and water.
<b>Inhalation</b>	If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.
<b>Ingestion</b>	If swallowed, drink plenty of water, induce vomiting. Get medical attention.
<b>Note to Physician</b>	None available.
<p><b>To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</b></p>	