



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
LD50 (species and route)	Testing not conducted.			
LC50 (species and route)	Testing not conducted.			

Section 2. Preparation Information	
Created By:	Apex Technological (403) 818-2739
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Section 3. Product Information			
Product Name	PRODUCED WATER	In case of emergency	Taqa North 24 Hr. Emergency #:
Synonym	None known		1-800-216-8062
Manufacturer	Taqa North 4100, 150 – 6 Avenue S.W. Calgary, Alberta T2P 3Y7		CANUTEC: 1-613-996-6666
Product Use			Poison Control Centre: Consult local telephone directory for emergency number(s)

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

Section 5. Fire or Explosion Hazard			
Flammability	None	Auto-Ignition Temperature	Not determined
Upper Flammable Limit	Not determined	Lower Flammability Limit	Not determined
Explosion Data - sensitivity to mechanical impact	None known.	Explosion Data - sensitivity to static discharge	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.
Flash Point and method of determination	Not applicable		
Products of Combustion	None identified.		
Fire Fighting Media and Instructions	Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.		

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

Section 7. Toxicological Properties	
Routes of Entry	Inhalation, oral.
Effects of Acute Exposure	
Dermal	Testing not conducted.
Inhalation	Testing not conducted.
Oral	Testing not conducted.
Eye Irritation/Inflammation	Testing not conducted.
Effects of Chronic Exposure	
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.
Irritancy of Product	
Dermal	No significant health hazards identified.
Inhalation	Prolonged breathing (greater than 1 hour) of concentrations of H ₂ 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.
Sensitization of Product	
Dermal	No significant health hazards identified.
Inhalation	Not available.
Oral	Not available.
Eye Irritation/Inflammation	No significant health hazards identified.
Exposure Limits	
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.

Section 8. Preventative Measures	
Engineering Controls	Control airborne concentrations below the exposure guidelines.
Personal Protection	- This selection of personal protective equipment varies, depending upon conditions of use.
Eyes	None required; however, use of eye protection is good industrial practice.
Body	None required; however, use of protective clothing is good industrial practice.
Respiratory	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.
Hands	None required; however, use of protective gloves is good industrial practice.
Feet	None required; however, use of protective footwear is good industrial practice.
Accidental Release Measures	
Material Release or Spill	Contain and remove by mechanical means.
Disposal Considerations	
Waste Disposal	Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.
Handling and Storage	
Handling	Do not breathe vapours. Keep out of sewers and waterways.
Storage	Keep container closed. Vapours containing Hydrogen Sulphide may accumulate during storage or transport. Keep adequately ventilated. Keep out of sewers and waterways.
Transport Information	
TDG Classification	Not regulated
Special Provisions for Transport	None

Section 9. First Aid Measures	
Eye Contact	Flush eyes with plenty of water.
Skin Contact	Wash exposed skin with soap and water.
Inhalation	If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.
Ingestion	If swallowed, drink plenty of water, induce vomiting. Get medical attention.
Note to Physician	None available.
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