



## Inorganic Mix in Drinking Water

### 1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

<b>Product Name</b>	Inorganic Mix in Drinking Water
<b>Catalog/Product No</b>	WAT-CH- Sample 5
<b>Brand</b>	PQP
<b>Application</b>	For Laboratory use only, Quality Control Material in laboratories.
<b>MSDS Issue Date</b>	January 5, 2016
<b>Company</b>	<b>Pasargad Quality Pioneers Ltd.</b>
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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Description** An Aqueous solution of Anions Mix for IC standards.

**Hazardous Components** NA

#### Components:

	CAS	EC NO	SYMBOL/Formula
Water	7732-18-5	231-791-2	H <sub>2</sub> O
Phosphate	98059-61-1	NA	PO <sub>4</sub>
Nitrate	14797-55-8	NA	NO <sub>3</sub>
Ammonium	7783-20-2	231-984-1	NH <sub>4</sub>

**3. HAZARDS IDENTIFICATION** Not classified in physical hazardous compounds.

### 4. FIRST AID MEASURES

<b>Eyes</b>	Flush eyes with water as a precaution.
<b>Skin</b>	Wash off with soap and plenty of water..
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>Inhalation</b>	If breathed in, move person into fresh air. Rinse mouth with water. If not breathing, give artificial respiration. Consult a physician
<b>Delayed Symptoms</b>	the chemical, physical, and toxicological properties have not been thoroughly investigated.
<b>OTHER</b>	NA



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### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Fire And Explosion hazards</b>	NA.
<b>Protective Measures</b>	Do not enter confined spaces without proper protective equipment including respirator. Use water spray or fog to cool containers Exposed to fire.

### 6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)

	Any spillage should be regarded as a potential fire risk.
<b>Personal Precautions</b>	Avoid breathing vapours, mist or gas..
<b>Environmental Precautions</b>	No special environmental precautions required.
<b>Recovery</b>	Keep in suitable, closed containers for disposal.

### 7. STORAGE AND HANDLING (IN NORMAL USE)

<b>Storage</b>	Store at 4±2° C temperature in suitably designed container and storage areas away from heat, ignition sources and open flames, in compliance with national and local regulations and codes of practice.
<b>Ventilation</b>	Ensure adequate ventilation.
<b>Handling</b>	Handle in accordance with good laboratory practices.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (NORMAL USE)

<b>Occupational Exposure Limits</b>	None.
<b>Engineering Measures</b>	Work in a fume hood or use general or other local exhaust ventilation to meet Exposure Limits.
<b>Personal Protective Equipment</b>	
<b>Respiratory</b>	Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<b>Hand</b>	Impervious gloves of nitrile rubber or PVC gloves should be worn at all times when handling chemicals. Wash and dry hands. (EN374).
<b>Eye</b>	Use chemical goggles if possibility of eye contact. (EN166) An eye wash station should be readily available near areas of use.
<b>OTHER</b>	Coveralls.

### 9. PHYSICAL / CHEMICAL PROPERTIES

<b>Appearance</b>	Clear liquid
<b>Odour</b>	NA
<b>Viscosity</b>	NA
<b>Boiling Point</b>	100° C



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Flash Point	NA
Density @ 15°C kg/m <sup>3</sup>	NA
Solubility in Water	NA
pH	≤2
Melting point	0 °C
Evaporation rate	NA
Flammability (solid, gas)	NA
Upper/lower flammability	NA
Vapour pressure (mmHg)	17.5 (20 °C)
Vapour density	NA
Partition coefficient	NA
Autoignition temperature	NA
Decomposition temperature	NA
Explosive properties	NA
Oxidizing properties	NA

### 10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to Avoid	NA
Materials to Avoid	NA.
Reactivity	NA
Hazardous Decomposition Products	NA.

### 11. TOXICOLOGICAL INFORMATION

Acute Effects	NA
Eyes	NA
Skin	NA
Ingestion	NA
Inhalation	May cause mechanical irritation.
Chronic Effects	NA

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### Numerical Measures of Toxicity:

Reproductive Toxicity	NA.
Specific target organ toxicity(single exposure)	NA
Eyes	NA



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<b>Skin</b>	NA
<b>Ingestion</b>	NA
<b>Inhalation</b>	NA
<b>Signs and Symptoms of Exposure</b>	the chemical, physical, and toxicological properties have not been thoroughly investigated.

### 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	NA
<b>Persistence &amp; Degradability</b>	NA
<b>BIO-Accumulation</b>	NA
<b>Aquatic Toxicity</b>	NA

### 13. DISPOSAL CONSIDERATIONS

Dispose of via a licensed waste carrier in accordance with local/national regulations. Do not discharge into the public drainage system.

### 14. TRANSPORT INFORMATION (REGULATIONS)

#### DOT/IATA/IMDG:

<b>Transport Classification</b>	NA
<b>UN Number</b>	NA
<b>Proper Shipping Name</b>	NA
<b>Packing Group</b>	NA
<b>Hazard Class</b>	NA

### 15. REGULATORY INFORMATION (Supply & Labelling)

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

<b>Supply Classification</b>	Not Harmful for the environment.
<b>Labelling Symbols</b>	Not Harmful for the environment. .
<b>Risk Phrases</b>	R40 Limited evidence of carcinogen effect. R51/R53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. R65 Harmful – may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking.
<b>Safety Phrases</b>	S2 Keep out of the reach of children. S20/S21 When using do not eat, drink or smoke. S24/S25 Avoid contact with skin and eyes. S36/S37 Wear suitable protective clothing and gloves. S61 Avoid release into the environment. Refer to special instructions/safety data sheets. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

### 16. OTHER INFORMATION

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This product is intended for use as a QC material for laboratory use only and is not applicable for household uses.

NA: No available Data, Not established, not determined or not pertinent

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