



SAFETY DATA SHEET

QATAR ACIDS COMPANY	Product: DEMINERALISED WATER
Date of Issue: AUGUST 2023	

SECTION 1 – STATEMENT OF HAZARDOUS NATURE, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: **QATAR ACIDS COMPANY BRANCH OF QATAR INDUSTRIAL MANUFACTURING COMPANY**
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Substance:	Water	Product Use:	Batteries/instruments & OTHERS
Creation Date:	AUGUST 2023		

SECTION 2 – HAZARDS IDENTIFICATION

- This product is **NOT classified as HAZARDOUS** according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **NOT classified as a Scheduled Poison** according to the SUSMP.

Approved NOHSC

Criteria Classification	Not hazardous	ADG Classification	None allocated
UN Number	None allocated	ADG Subsidiary Risk	None allocated
Shipping Name	None allocated	Packing Group	None allocated
Hazchem Code	None allocated		
SUSMP Classification	None allocated		

EMERGENCY OVERVIEW

Colour	Clear/colourless	Odour	Nil
Physical Description	Liquid	Viscosity	Non-viscous
Major Health Hazards	None known		

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances".

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
Water	7732-18-5	100% w/w	not set	not set



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The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Not classified as a Scheduled Poison.
First Aid Facilities	Normal washroom facilities.
Skin contact	No specific treatment is necessary, as this material is expected to be non-hazardous.
Eye contact	No specific treatment is necessary, as this material is expected to be non-hazardous.
Ingestion	No specific treatment is necessary, as this material is expected to be non-hazardous. Inhalation No specific treatment is necessary, as this material is expected to be non-hazardous.
Advice to Doctor	No specific treatment is necessary, as this material is expected to be non-hazardous.
Aggravated Medical Conditions	Material is expected to be non-hazardous.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Water based. Not combustible.
Extinguishing Media	Not available
Fire Fighting	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.
Flash Point	Not combustible

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
Occupational Release	Minor spills do not normally need any special clean-up measures. However, if necessary to avoid slipping hazards, absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.



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SECTION 7 – HANDLING AND STORAGE

Handling No special handling procedures are required. **Storage** No special storage requirements.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

glasses are recommended.

Exposure Limits National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

Time-weighted Average (TWA): None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

Short Term Exposure Limit (STEL): None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

Biological Limit Value None established for product.

Engineering Controls There are no special ventilation requirements.

Personal Protective Equipment This product is water and is not classified as hazardous according to the criteria of Worksafe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection Eye protection is not normally required, however to avoid possible eye contact, safety



Skin Protection Special protective garments are not required to handle the product.

Suitable work clothing, work boots and gloves are recommended for general handling of the product in quantity, cleaning up spills, decanting, etc.



Not necessary for this product.

Protective Material

Types

Respirator

Not required for this product.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Colour	Clear/colourless
Odour	Nil	Specific Gravity	1.0 @ 25°C
Boiling Point	Approximately 100°C	Freezing Point	Not available
Vapour Pressure	17.5 mm Hg @ 20°C	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Miscible in all proportions	pH	Not available
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	1 cP @ 20°C	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 85 % v/v
Conductivity (µS) max.	10	Chloride (ppm) max.	2.0
TDS (PPM) max	4.0 – 5.0		

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	None reported
Incompatible Materials	None
Hazardous	None
Decomposition Products	
Hazardous Reactions	None known

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects	None known
Target Organs	None known

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion

short term exposure	No hazard expected in normal industrial use.
long term exposure	No information available.



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Skin contact

short term exposure Non-irritating to the skin.
long term exposure No known effects.

Eye contact

Non-irritating to the eyes.
short term exposure
long term exposure No information available.

Inhalation

short term exposure Not an inhalation hazard.
long term exposure No information available.

Carcinogen Status

NOHSC No significant ingredient is classified as carcinogenic by NOHSC.
NTP No significant ingredient is classified as carcinogenic by NTP.
IARC No significant ingredient is classified as carcinogenic by IARC.

Medical conditions aggravated by exposure No information available.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

NOTE: This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See SECTION 3 for actual proportions of ingredients present in this product.

Ingredients	R-Phrases.
Non hazardous ingredients 100%	None allocated

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity	None available for specific product.
Algae toxicity	None available for specific product.
Invertebrates toxicity	None available for specific product.
Toxicity to Bacteria	None available for specific product.
OECD Biological degradation	Individual components stated to be biodegradable.
General	Product miscible in all proportions with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septics, and grey water systems.



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For
larger
scale
use, eg.

Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

SECTION 14 – TRANSPORT INFORMATION

UN Number	None allocated	ADG Classification	None allocated
Shipping Name	None allocated	ADG Subsidiary Risk	None allocated
Hazchem Code	None allocated	Packing Group	None allocated
Packaging Method	None allocated	Special Provisions	None allocated
Segregation	None allocated		

SECTION 15 – REGULATORY INFORMATION

AICS All ingredients present on AICS.

SECTION 16 – OTHER INFORMATION

Labeling Details

HAZARD	Not hazardous
RISK PHRASES	None allocated
SAFETY PHRASES	None allocated
SUSMP	None allocated
ADG Code	None allocated
Acronyms	
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
R-Phrases	Risk Phrases.
HAZCHEM	An emergency action code of numbers and letters, which gives information to emergency services.
NOHSC	National Occupational Health and Safety Commission.
NTP	National Toxicology Program (USA).
IARC	International Agency for Research on Cancer.
AICS	Australian Inventory of Chemical Substances.
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
Literature References	List of Designated Hazardous Substances [NOHSC:10005(1999)] Australian Code For The Transport Of Dangerous Goods By Road And Rail – Seventh Edition. Standard for the Uniform Scheduling of Medicines and Poisons 2011.