



PREPARED BY: PRINT NAME:	<i>P. Kibit</i>	DOCUMENT: MATERIAL SAFETY DATA SHEET
SIGN:	<i>[Signature]</i>	NUMBER: MSDS 02
APPROVED: PRINT NAME:	<i>J. Ward</i>	PAGE: 1 OF 4
SIGN:	<i>[Signature]</i>	ISSUE: 1 DATE: 09.05.2016 REVISION: 0 DATE:

MATERIAL SAFETY DATA SHEET – DEMINERALISED WATER

COMPANY INFORMATION

FIRST NATIONAL BATTERY A Division of Metindustrial (Pty) Ltd

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JHB METROPOLITAN EMERGENCY SERVICE: + 27 11 375 5911

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CONTACT: Justin Ward

1. PRODUCTION IDENTIFICATION

TRADE NAME : Demineralised water.
 CHEMICAL NAME : Water
 SYNONYMS : Hydrogen Oxide
 Dihydrogen Oxide
 CHEMICAL ABSTRACT NO : 7732-18-5
 HAZCHEM CODE : none

2. HAZARD IDENTIFICATION

MAIN HAZARD : Expected to be non-hazardous
 FLAMMABILITY : Non flammable
 CHEMICAL HAZARD : None
 BIOLOGICAL HAZARD : None
 REPRODUCTION HAZARD : None

3. COMPOSITION

WATER : 100%
 R. PHRASES : None

HEALTH EFFECTS

EYES : Non irritating
 SKIN : Non irritating
 INGESTION : No hazard expected
 INHALATION : No hazard expected



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SIGN:	<i>[Signature]</i>	ISSUE: 1 DATE: 09.05.2016 REVISION: 0 DATE:

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4. FIRST AID MEASURES

EYES : If irritation develops, get medical aid.

SKIN : Get Medical aid if irritation develops or persists.

INGEST : Get Medical aid for irritation or symptoms occur.

INHALATION : No hazard expected.

5. FIRE FIGHTING MEASURES

GENERAL INFORMATION : Material will not burn.

EXTINGUISHING MEDIA : Substance is non-combustible, use agent most appropriate to extinguishing surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Non-hazardous material. Clean up of spills requires no special equipment or procedures.

7. HANDLING AND STORAGE

SUITABLE MATERIAL HANDLING/
STORAGE PRECAUTIONS : Keep container tightly closed. Suitable for any general chemical storage area. Protect from freezing. Water is considered a non-regulated product, but may react vigorously with some specific materials. Avoid contact with all materials until investigation shows substance is compatible.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT : None Listed

ENGINEERING CONTROL : No special ventilation requirements.

RESPIRATORY PROTECTION : Not normally required

EYE AND FACE PROTECTION : Not normally required

HAND, ARM AND BODY PROTECTION : Not normally required

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SIGN:	<i>[Signature]</i>	ISSUE: 1 DATE: 09.05.2016 REVISION: 0 DATE:

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Clear, colourless liquid.
ODOUR	:	Odourless
Ph	:	7.0
BOILING POINT	:	100°C
MELTING POINT	:	0°C
FLASH POINT	:	N/A
FLAMMABILITY	:	Non flammable
AUTO FLAMMABILITY	:	N/A
OXIDISING PROPERTIES	:	N/A
VAPOUR PRESSURE	:	17.5 mm Hg at 20°C
DENSITY	:	1.00
MOLECULAR FORMULA	:	H ₂ O
MOLECULAR WEIGHT	:	20.14

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	:	None reported
INCOMPATIBLE MATERIALS	:	strong acids, strong basis water reactive substances, (e.g. acetic anhydride, alkyl aluminium chloride, calcium carbide, acid chlorides, phosphorus trichloride, phosphorus pentachloride, phosphorus oxychloride.
HAZARDOUS DECOMPOSITION PRODUCTS:	:	N/A

11. TOXOCOLOGICAL INFORMATION

ACUTE TOXCITIY	:	Not anticipated.
CHRONIC TOXICITY	:	Not anticipated.
CARCINOGENICITY	:	Not anticipated.
MUTAGENICITY	:	Not known
REPRODUCTIVE HAZARUD	:	Not known



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APPROVED: PRINT NAME:	<i>J. Ward</i>	PAGE: 4 OF 4
SIGN:	<i>[Signature]</i>	ISSUE: 1 DATE: 09.05.2016 REVISION: 0 DATE:

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12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY : N/A

BIODEGRADABILITY : N/A

13. DISPOSAL INFORMATION

Whatever cannot be saved for recovery or recycling should be flushed to sewer. If material becomes Contaminated during use, dispose of accordingly. Dispose of accordance with local requirements.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

RISK PHRASES : None

SAFETY PHRASES : 524/25

16. OTHER INFORMATION

NFPA RATINGS : Healthy 0

: None

LABEL HAZARD : None