

# SAFETY DATA SHEET



## E-POWER X 1:100

ABCO PRODUCTS

Catalogue number: AB705 1:100

Version No: 1.2 1%

Issue date: 22/10/2019

Safety Data Sheet according to WHS and ADG requirements

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

|                               |               |
|-------------------------------|---------------|
| Product name                  | E-POWER X     |
| Synonyms                      | AB705 1:100   |
| Other means of identification | Not Available |

#### Relevant identified uses of the substance or mixture and uses advised against

|                          |                                 |
|--------------------------|---------------------------------|
| Relevant identified uses | Hard surface cleaning detergent |
|--------------------------|---------------------------------|

#### Details of the supplier of the safety data sheet

|                         |                             |
|-------------------------|-----------------------------|
| Registered company name | Abco Products Pty Ltd       |
| Address                 | PO Box 200, Bentley WA 6982 |
| Telephone               | 1800 177 399                |
| Fax                     | 1800 892 300                |

#### Emergency telephone number

|                                   |                            |
|-----------------------------------|----------------------------|
| Association / Organisation        | Poisons Information Centre |
| Emergency telephone numbers       | 13 11 26                   |
| Other emergency telephone numbers | Not Available              |


### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

|                                   |   |
|-----------------------------------|---|
| Poisons Schedule                  | 6   |
| GHS Classification <sup>[1]</sup> | Skin Corrosion/Irritation Category 2, Eye Irritation Category 2   |
| Legend:                           | 1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI |

#### Label elements

|                    |   |
|--------------------|---|
| GHS label elements |  |
|--------------------|---|

SIGNAL WORD **WARNING**

#### Hazard statement(s)

|      |                               |
|------|-------------------------------|
| H315 | Causes skin irritation        |
| H319 | Causes serious eye irritation |

#### Precautionary statement(s) Prevention

|      |  |
|------|--|
| P280 | Wear protective gloves and eye protection. |
|------|--|

#### Precautionary statement(s) Response

|                          |  |
|--------------------------|--|
| P305+P351+P338           | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.           |
| P337+P313                | If eye irritation persists: Get medical advice/attention.  |
| P302+P362+P352+P332+P313 | IF ON SKIN: Take off contaminated clothing. Wash with plenty of water and soap. If skin irritation occurs, get medical advice / attention. |

#### Precautionary statement(s) Storage

No special instructions

#### Precautionary statement(s) Disposal

No special instructions

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances

See section below for composition of Mixtures

#### Mixtures

| CAS No      | %[weight] | Name   |
|-------------|-----------|--|
| proprietary | <0.1      | <u>Alkaline salts</u>  |
|             | Balance   | <u>Water, non hazardous ingredients and materials below cut-off limits</u> |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4 FIRST AID MEASURES

#### Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | If this product comes in contact with the eyes:<br>Wash out immediately with fresh running water.<br>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.<br>Seek medical attention without delay; if pain persists or recurs seek medical attention.<br>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| <b>Skin Contact</b> | If skin contact occurs:<br>Immediately remove all contaminated clothing, including footwear.<br>Flush skin and hair with running water (and soap if available).<br>Seek medical attention in event of irritation.   |
| <b>Inhalation</b>   | If fumes, aerosols or combustion products are inhaled remove from contaminated area.<br>Other measures are usually unnecessary.   |
| <b>Ingestion</b>    | Immediately give a glass of water.<br>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.   |

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5 FIREFIGHTING MEASURES

#### Extinguishing media

|  |   |
|--|---|
|  | <ul style="list-style-type: none"><li>There is no restriction on the type of extinguisher which may be used.</li><li>Use extinguishing media suitable for surrounding area.</li></ul> |
|--|---|

#### Special hazards arising from the substrate or mixture

|                             |   |
|-----------------------------|---|
| <b>Fire Incompatibility</b> | <ul style="list-style-type: none"><li>Avoid contamination with oxidising agents and strong acids.</li></ul> |
|-----------------------------|---|

#### Advice for firefighters

|                              |   |
|------------------------------|---|
| <b>Fire Fighting</b>         | The product is not flammable or combustible.<br>Alert Fire Brigade and tell them location and nature of hazard.<br>Wear full body protective clothing with breathing apparatus.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Use water delivered as a fine spray to control fire and cool adjacent area.<br>Avoid spraying water onto liquid pools.<br><b>DO NOT</b> approach containers suspected to be hot.<br>Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. |
| <b>Fire/Explosion Hazard</b> | May emit acid smoke.<br>Combustion products include: carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO) and other pyrolysis products typical of burning organic material   |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | <ul style="list-style-type: none"> <li>■ Clean up all spills immediately.</li> <li>■ Avoid breathing vapours/ aerosols/ or dusts and avoid contact with skin and eyes.</li> <li>■ Control personal contact with the substance, by using protective equipment.</li> <li>■ Contain and absorb spill with sand, earth, inert material or vermiculite.</li> <li>■ Can be disposed of into council sewer system with copious amounts of water.</li> </ul>  |
| <b>Major Spills</b> | <ul style="list-style-type: none"> <li>■ Wear breathing apparatus plus protective gloves.</li> <li>■ Prevent, by any means available, spillage from entering drains or water course.</li> <li>■ Stop leak if safe to do so.</li> <li>■ Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.</li> </ul> |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

|                          |  |
|--------------------------|--|
| <b>Safe handling</b>     | <p><b>DO NOT allow clothing wet with material to stay in contact with skin</b></p> <p>Avoid all personal contact.<br/>Wear protective clothing when risk of exposure occurs.<br/>Avoid contact with incompatible materials.<br/>When handling, DO NOT eat, drink or smoke.<br/>Keep containers securely sealed when not in use.<br/>Avoid physical damage to containers.</p> |
| <b>Other information</b> |  |

### Conditions for safe storage, including any incompatibilities

|                                |  |
|--------------------------------|--|
| <b>Suitable container</b>      | <p>Do not use aluminium or galvanized containers<br/>Plastic drum or pail<br/>Packaging as recommended by the manufacturer</p>         |
| <b>Storage incompatibility</b> | <p>Check all containers are clearly labelled and free from leaks.<br/>Avoid strong acids<br/>Avoid reaction with oxidizing agents.</p> |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA



| Source                       | Ingredient     | Material name  | TWA           | STEL          | Peak          | Notes         |
|------------------------------|----------------|----------------|---------------|---------------|---------------|---------------|
| Australia Exposure Standards | Alkaline Salts | Alkaline Salts | Not available | Not available | Not available | Not available |

#### EMERGENCY LIMITS

| Ingredient     | Material name  | TEEL-1        | TEEL-2        | TEEL-3        |
|----------------|----------------|---------------|---------------|---------------|
| Alkaline Salts | Alkaline Salts | Not available | Not available | Not available |

| Ingredient     | Original IDLH | Revised IDLH  |
|----------------|---------------|---------------|
| Alkaline Salts | Not Available | Not Available |

### Exposure controls

|   |   |
|---|---|
| <b>Appropriate engineering controls</b> | <p>Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.<br/>If ventilation is poor, then the use of a local exhaust ventilation system is recommended.</p>   |
| <b>Personal protection</b>              |     |
| <b>Eye and face protection</b>          | <p>Chemical goggles.<br/>Full face shield may be required for supplementary but never for primary protection of eyes.<br/>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.</p> |
| <b>Skin protection</b>                  | <p>See Hand protection below</p>  |

|                         |  |
|-------------------------|--|
| <b>Body protection</b>  | See other protection below                               |
| <b>Other protection</b> | P.V.C. apron.<br>Skin cleansing cream.<br>Eye wash unit. |
| <b>Thermal hazards</b>  | Not Available  |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|  |                    |   |                |
|--|--------------------|---|----------------|
| <b>Appearance</b>                                  | Clear liquid       |   |                |
| <b>Physical state</b>                              | Liquid             | <b>Relative density (Water = 1)</b>           | Not Available  |
| <b>Odour</b>                                       | Not Available      | <b>Partition coefficient n-octanol /water</b> | Not Available  |
| <b>Odour threshold</b>                             | Not Available      | <b>Auto-ignition temperature(°C)</b>          | Not Applicable |
| <b>pH (as supplied)</b>                            | 10.9 – 11.4        | <b>Decomposition temperature</b>              | Not Available  |
| <b>Melting point / freezing point (°C)</b>         | Not Available      | <b>Viscosity (cSt)</b>                        | Not Available  |
| <b>Initial boiling point and boiling range °C)</b> | Not Available      | <b>Molecular weight (g/mol)</b>               | Not Available  |
| <b>Flash point (°C)</b>                            | Not Applicable     | <b>Taste</b>                                  | Not Available  |
| <b>Evaporation rate</b>                            | Not Available      | <b>Explosive properties</b>                   | Not Available  |
| <b>Flammability</b>                                | Not Flammable      | <b>Oxidising properties</b>                   | Not Available  |
| <b>Upper Explosive Limit (%)</b>                   | Not Applicable     | <b>Surface Tension (dyn/cm or mN/m)</b>       | Not Available  |
| <b>Lower Explosive Limit (%)</b>                   | Not Applicable     | <b>Volatile Component (%vol)</b>              | Not Available  |
| <b>Vapour pressure (kPa)</b>                       | Not Available      | <b>Gas group</b>                              | Not Available  |
| <b>Solubility in water (g/L)</b>                   | Completely soluble | <b>pH as a solution (1%)</b>                  | Not Available  |
| <b>Vapour density (Air = 1)</b>                    | Not Available      | <b>VOC g/L</b>                                | Not Available  |

## SECTION 10 STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | See section 7   |
| <b>Chemical stability</b>                 | Product is considered stable and hazardous polymerisation will not occur. |
| <b>Possibility of hazardous reactions</b> | See section 7   |
| <b>Conditions to avoid</b>                | See section 7   |
| <b>Incompatible materials</b>             | See section 7   |
| <b>Hazardous decomposition products</b>   | See section 5   |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

|                     |   |
|---------------------|---|
| <b>Inhaled</b>      | The material can cause respiratory irritation in some persons.  |
| <b>Ingestion</b>    | The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion if left unattended.   |
| <b>Skin Contact</b> | The material can cause inflammation of the skin in certain persons.<br>Open cuts, abraded or irritated skin should not be exposed to this material<br>Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. |
| <b>Eye</b>          | This material can cause eye irritation and damage in some persons.<br>Non-ionic surfactants can cause numbing of the cornea, which masks discomfort normally caused by other agents and leads to corneal injury. Irritation varies depending on the duration of contact.  |
| <b>Chronic</b>      | Skin contact with the material is more likely to cause a sensitization reaction in some persons compared to the general population  |

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

#### Ecotoxicity:

The product is not thought to be ecotoxic.

### Persistence and degradability

| Ingredient     | Persistence: Water/Soil | Persistence: Air |
|----------------|-------------------------|------------------|
| Alkaline Salts | No data                 | No data          |

### Bio accumulative potential

| Ingredient     | Bioaccumulation               |
|----------------|-------------------------------|
| Alkaline Salts | Not expected to bioaccumulate |

### Mobility in soil

| Ingredient     | Mobility |
|----------------|----------|
| Alkaline Salts | No data  |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

| Product / Packaging disposal |  |
|------------------------------|--|
|                              | <ul style="list-style-type: none"><li>▶ Recycle containers whenever possible.</li><li>▶ Product residues and containers should be disposed of in accordance with local government regulations.</li></ul> |

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

|                  |                |
|------------------|----------------|
| Marine Pollutant | NO             |
| HAZCHEM          | Not Applicable |

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

## SECTION 16 OTHER INFORMATION

Contact Point: Poisons Information Centre Tel 13 11 26

### DISCLAIMER:

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**End of SDS**