

SAFETY DATA SHEET

ELECTRO 1

Version No.: 1.5

ISSUED Date: 23/01/2020

ISSUED BY A Whistle & Co Pty Ltd

1. IDENTIFICATION

PRODUCT NAME: Electro 1

OTHER NAMES: Electodry E1
E1

USE: Carpet cleaner

COMPANY NAME: A Whistle & Co Pty Ltd

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Bennett's Green NSW 2290 Australia

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EMERGENCY ADVICE: Poisons Information Centre 13 11 26

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

CHEMICAL NAME	CAS#	PROPORTION
Other constituents deemed non-hazardous, Including water		100%

4. FIRST-AID MEASURES

Inhalation:

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion:

DO NOT induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin:

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

First Aid Facilities:

Eyewash and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products:

Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising from the Chemical:

This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

Decomposition Temperature:

Not available

Fire Fighting Precautions:

Fire fighters should wear Self Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Wear appropriate personal protection equipment and clothing to prevent exposure. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Spillage can be slippery. As a water-based product, if spilt on electrical equipment the product will cause short circuits. Extinguish or remove all sources of ignition and stop leak if safe to do so. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated area, out of direct sunlight, away from heat and ignition sources. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Protect from freezing. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit Values:

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values:

No biological limits allocated.

Appropriate Engineering Controls:

Provide sufficient ventilation to keep airborne levels as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to relevant regulations for further information concerning ventilation systems.

Respiratory Protection:

If engineering controls are not effective in controlling airborne exposure than an approved respirator with a replaceable vapour / mist filter should be used. Refer to the relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection:

Safety glasses with side shields, chemical goggles or full face shield as appropriate should be used. Final choice of appropriate eye / face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform to AS/NZS 1337 – Eye Protection for Individual Applications.

Hand Protection:

Where contact may be prolonged, wear gloves of impervious material such as laminated film, PVC, neoprene or nitrile rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances, i.e. methods of handling or according to risk assessment undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational Protective Gloves – Selection, Use and Maintenance.

Body Protection:

Suitable protective work wear, e.g. cotton overalls buttoned at neck and waist recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Milky white liquid
Colour	Milky white	Odour	Lemon odour
Decomposition Temperature	Not available	Melting Point	Not available
Boiling Point	100°C (approximate)	Solubility in Water	Soluble
Specific Gravity	1.00 (approximate)	pH	10.0 (Neat)
Vapour Pressure	Not available	Vapour Density (Air = 1)	Not available
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Not available	Partition Coefficient: n-octanol / water	Not available
Density	Not available	Flash Point	Not available
Flammability	Not flammable	Auto Ignition Temperature	Not applicable
Flammable Limits – Lower	Not applicable	Flammable Limits – Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal conditions of storage & handling.

Reactivity and Stability:

Reacts with incompatible materials.

Conditions to Avoid:

Extremes of temperature.

Incompatible Materials:

Strong oxidising agents.

Hazardous Decomposition Products:

Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Hazardous Polymerisation:

Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information:

No toxicity data available for this material.

Ingestion:

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation:

Inhalation of product vapours may cause irritation to the mucous membranes and upper airways. Symptoms of exposure may include headaches, nausea, coughing and breathing difficulties. Repeated or prolonged exposure to this material may aggravate existing respiratory disorders.

Skin:

May cause irritation in contact with skin. The symptoms may include redness, itching and swelling. Repeated exposure may cause skin dryness and cracking.

Eye:

May be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory Sensitisation:

Not expected to be a respiratory sensitiser.

Skin Sensitisation:

Not expected to be a skin sensitiser.

Germ Cell Mutagenicity:

Not considered to be a mutagenic hazard.

Carcinogenicity:

Not considered to be a carcinogenic hazard.

Reproductive Toxicity:

Not considered to be toxic to reproduction.

STOT-Single Exposure:

Not expected to cause toxicity to a specific target organ.

STOT-Repeated Exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No ecological data available for this material.

Persistence and Degradability:

Not available.

Mobility:

Not available.

Bioaccumulative Potential:

Not available.

Other Adverse Effects:

Not available.

Environmental Protection:

Prevent this material from entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code – 7th Edition).

Marine Transport (IMO / IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO / IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Associate (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number: None allocated

U.N. Proper Shipping Name: None allocated

Transport Hazard Class(es): None allocated

Special Precautions for User: Not available

IMDG Marine Pollutant: No

Transport In Bulk: Not available

15. REGULATORY INFORMATION

Regulatory Information:

Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule:

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS:

SDS Date of Preparation: 23 January 2020

Issue Date: 23 January 2020

Supersedes: 28 July 2015

Reason for Update: Review & Correction of Typographical Errors

References:

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point:

Technical Manager - Phone: (02) 4911 4600

END OF SDS