Ainsworth Medical Pty Limited

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Safety Data Sheet

according to

the Preparation of SDS for Hazardous Chemicals

Code of Practice February 2016 – Safe Work Australia

SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1. Product identifier:

Product name: 3.25G(1.7G NaDCC) DST POTS, 4.72G (2.5G NaDCC) DST POTS

Other names: Medipro Chlor-Tabs, 2-in-1 Chlor-Tabs, PowerChlor

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Disinfectant. PT 2 PT 3 PT4

1.3. Details of the supplier of the safety data sheet

Ainsworth Medical Pty Limited
PO Box 5055
Marrickville NSW 1475
Tel: 1300 60 22 40 (+61 2 9519 7223)
Fax: 1300 60 22 50 (+61 2 9519 7101)
Email: info@ainsworthmedical.com.au

1.4. Emergency telephone number

Australia: Call 000 or the Poisons Information Centre (National) 13 11 26

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification Physical hazards

Not Classified

Health hazards

Eye Irrit. 2 – H319

STOT SE 3 – H335

Environmental hazards

Aquatic Acute 1 – H400

Aquatic Chronic 1 – H410

2.2. Label elements

Pictogram

Signal word: Warning

Hazard statements:

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear face protection.

P312 - Call a POISON CENTER/doctor if you feel unwell.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P391 - Collect spillage.

P402 + P404 - Store in a dry place. Store in a closed container.

P501 - Dispose of contents/container in accordance with local regulations.

Supplemental label information:

EUH031 - Contact with acids liberates toxic gas.

RCH002b - For professional users only.

Contains TROCLOSENE SODIUM, SODIUM TOLUENE SULPHONATE, SODIUM N LAURYLSARCOSINATE

Supplementary precautionary statements

P264 - Wash hands thoroughly after handling.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P404 + P233 – Store in a well-ventilated place. Keep container tightly closed.

P405 – Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TROCLOSENE CAS number: 2893-78-9 M factor (Acute) = 1	SODIUM 53.0% EC number: 220-767-7 M factor (Chronic) = 1
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

ADIPIC ACID CAS number: EC number:	10-30% 124-04-9 204-673-3
Classification Eye Irrit. 2 - H319	

SODIUM TOLUENE SULPHONATE CAS number: EC number:	5-10% 12068-03-0 235-088-1
Classification Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	

SODIUM N - LAUROYLSARCOSINATE CAS number: EC number:	1-5% 137-16-6 205-281-5
Classification Acute Tox. 2 - H330 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	

The full text for all hazard statements is displayed in Section 16. Composition comments Note T for troclosene sodium as per Commission Directive 20008/58/EC applies.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation - Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion - Do not induce vomiting. Remove affected person from source of contamination. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Skin contact - Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact - Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

4.2. Most important symptoms and effects, both acute and delayed.

Inhalation - Harmful by inhalation.

4.3. Indication of any immediate medical attention and special treatment needed.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use foam, carbon dioxide, dry powder or water fog to extinguish.

5.2. Special hazards arising from the substance or mixture.

Specific hazards - Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Chlorine. Hydrogen chloride (HCl). Toxic gases or vapours. Decomposes above 250˚C with release of chlorine and other toxic fumes.

5.3. Advice for firefighters

Protective actions during firefighting

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Contain and collect extinguishing water.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

Personal precautions – Wear protective clothing as described in Section 8 of this safety data sheet. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Ensure suitable respiratory protection is worn during removal of spillages in confined areas. Avoid inhalation of dust and contact with skin and eyes. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions – Not considered to be a significant hazard due to the small quantities used. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up.

Methods for cleaning up - Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid generation and spreading of dust. Flush contaminated area with plenty of water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not close drums containing wet or damp material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions –

Avoid spilling.
Avoid contact with skin and eyes.
Do not handle broken packages without protective equipment.
Keep away from heat, sparks and open flame.
Good personal hygiene procedures should be implemented.
Avoid inhalation of vapours/spray and contact with skin and eyes.
Provide adequate ventilation. Container must be kept tightly closed when not in use.
Follow instructions and ensure correct dilution of this product before use.
Do not eat, drink or smoke when using this product.
Protect from freezing and direct sunlight.

7.2. Conditions for safe storage, including any incompatibilities.

Storage precautions – Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Short-term exposure limit (15-minute): WEL, (as chlorine) 0.5 ppm 1.5 mg/m³ fume

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4.0 mg/m³ respirable dust

WEL = Workplace Exposure Limit

DNEL Human exposure based on the active ingredient troclosene sodium

Consumer - Dermal; Long term systemic effects: 1.15 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 1.99mg/m³

Consumer - Oral; Long term systemic effects: 1.15 mg/kg/day

ADIPIC ACID (CAS: 124-04-9)

DNEL Industry - Inhalation; Short term : 5 mg/m3 PNEC - Fresh water; Short term 0.126 mg/l - Marine water; Short term 0.0126 mg/l - Sediment; Short term 0.484 mg/l - Soil; Short term 0.0228 mg/l 8.2. Exposure controls Protective equipment

Appropriate engineering controls – No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection – Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection – Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Other skin and body protection.

Avoid contact with skin. Wear suitable coveralls to prevent exposure to the skin.

Hygiene measures:

Warn cleaning personnel of any hazardous properties of the product.

Do not eat, drink or smoke when using this product.

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

Provide eyewash station.

Persons susceptible to allergic reactions should not handle this product.

Good personal hygiene procedures should be implemented.

Respiratory protection – No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. Environmental exposure controls Do not allow undiluted product to enter drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: White flat tablet

Colour: White/off-white.

Odour Characteristic: Bleach

pH (diluted solution): 4-6 @ 1% Flash point Not applicable.

Solubility(ies): Soluble in water.

Oxidising properties – Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information – Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See Section 10.3 (Possibility of hazardous reactions) for further information.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions – Will not polymerise.

The following materials may react with the product: Acids. Alkalis. Organic nitro compounds. Amines. Oxidising agents. Reducing agents. Moisture. Peroxides. Contact with acids liberates toxic gas. Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid.

Conditions to avoid – Avoid the following conditions: Water, moisture. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Flammable/combustible materials – Organic materials, oils, grease, sawdust, reducing agents, nitrogen-containing compounds (NaDCC may generate nitrogen trichloride which is explosive), oxidizing substances, acids and alkalis, damp or slightly wet conditions.

10.6. Hazardous decomposition products

Hazardous decomposition products – Heating may generate the following products: Carbon monoxide (CO). Oxides of nitrogen. Hydrogen chloride (HCl). Isocyanates. Chlorine.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral ATE oral (mg/kg) 2,709.43

Acute toxicity - dermal ATE dermal (mg/kg) 40,000.0

Acute toxicity - inhalation ATE inhalation (dusts/mists mg/l) 2.63

Inhalation – May cause respiratory system irritation.

Ingestion – May be harmful if swallowed.

Skin contact – Skin irritation should not occur when used as recommended.

Eye contact – Irritating to eyes.

Route of entry – Inhalation Ingestion. Skin and/or eye contact

SECTION 12: Ecological Information

Ecotoxicity – The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Acute toxicity - fish LC_{50}, 96 hours: 0.37-0.47 mg/l,

Fish Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: < 1 mg NaDCC mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility – The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment – This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects – Not determined.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

General information - Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods - Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). Road transport notes ADR/ IMDG SPECIAL PROVISION 375 Air transport notes ICAO/ IATA SPECIAL PROVISION A197

14.1. UN number: 3077

14.2. UN proper shipping name: Sodium Dichloroisocyanurate

14.3. Transport hazard class(es):

Class 9

Label(s): 9

14.4. Packing group: III

14.5. Environmental hazards:

Environmentally hazardous: Yes

Marine Pollutant: Yes

14.6. Special precautions for user:

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

The product is not transported in bulk tankers.

Other relevant information:

ADR Classification code: M7

Tunnel restriction code: E

Hazard identification number: 90

IMO/IMDG

EmS: F-A, S-F

SECTION 15: Regulatory information

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

National regulations DETERGENT REGULATIONS: 3.25g DST contains amongst other ingredients: Less than 5%: Anionic surfactant, phosphate; 30% and more : Chlorine based bleaching agents; Ingredient datasheet as stipulated in Annex VII C Regulation(EC) No 648/2004 on detergent is available from the contact given in section 1 to any medical personnel upon request. EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Guidance Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131. Guidance on the compilation of safety data sheets. Version 3, August 2015

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Revision date 01/06/2025

Revision 15 Supersedes date 16/04/2023

SDS number 10328

Hazard statements in full

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.