

VIRTUE

Dishmachine Powder

Safety Data Sheet

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APPLAUD PLC PTY. LTD. **SAFETY DATA SHEET**

Hazardous Substance, NON-Dangerous Goods

ACTIVE SOLUTIONS – DISHMACHINE POWDER CHLORINATED

1. Identification of the material and supplier

Names

Product name : DISHMACHINE POWDER CHLORINATED

Supplier : APPLAUD PLC PTY LTD
8 STEPHENSON ROAD
SEAFORD VIC. 3198
TELEPHONE: (03) 9775 0443
FAX:(03) 9775 0312
MOBILE: 0411 353 793

Emergency telephone number : Normal Office Hours: Monday to Friday 8.30 to 5.00 pm (EST), (03) 9775 0443
Poisons Information Centres: 13 11 26 (Australia wide)
Emergency Services: 000 or Refer to Local Telephone Directory

Uses

Material uses : Machine dishwashing compound.

Date of issue : 20-February-2020

2. Hazards identification

This material is hazardous according to health criteria of Safe Work Australia.



Signal Word Danger

Hazard Classifications Acute Toxicity – Oral – Category 4
Skin Corrosion/Irritation – Category 2
Serious Eye Damage/Irritation – Category 1
Specific Target Organ Toxicity (Single Exposure) – Category 3 Respiratory Tract Irritation

Hazard Statements H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary Statements

Prevention

P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust, fume, gas, mist, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear protective clothing, gloves and eye/face protection.

Response

P101 If medical advice is needed, have product container or label at hand.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
P310 Immediately call a POISON CENTRE or doctor/physician.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Storage

P403+P233 Store in a well ventilated place. Keep container tightly closed.
 P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Poison Schedule: S5.

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transportation of Dangerous Goods by Road & Rail".

3. Composition/information on ingredients

INGREDIENTS	CAS. NO.	PROPORTION
Sodium carbonate	497-19-8	1 -10%
Sodium dichloroisocyanurate	2893-78-9	0-1%
Disodium Metasilicate	6834-92-0	1-10%
Ingredients determined to be non-hazardous		Balance

4. First –aid measures

First-aid measures

Eye contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

Inhalation : Remove to fresh air. Obtain medical attention if symptoms occur.

Ingestion : Do not induce vomiting. Rinse mouth; then drink one or two glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).

Notes to Physician : No specific treatment. Treat symptomatically.

5. Fire-fighting measures

Extinguishing media : Use an extinguishing agent suitable for the surrounding fires.

Fire/explosions hazards : No specific hazard.

Special protective Equipment for Fire fighters : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous Decomposition Products : These products are carbon oxides (CO, CO²), nitrogen oxides (NO, NO²....), halogenated compounds, phosphates, hydrogen chloride. Some metallic oxides.

6. Accidental release measures

Personal Precautions : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental Precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods for Cleaning up dispersal. : If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling : Avoid contact of spilled material and runoff with soil and surface waterways. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage : Store in a well ventilated dry place. Protect from moisture.
Keep away from incompatibles, such as strong acid.

8. Exposure controls/personal protection

Occupational exposure limits

- | <u>Ingredient name</u> | <u>Exposure limits</u> |
|------------------------|---|
| Chlorine | NOHSC (Australia, 7/2003).
AMP: 3mg/m ³ 15 minute(s). Form: All forms
AMP: 1 ppm 15 minute(s). Form: All forms |
- Engineering measures : None required; however, use of adequate ventilation is good industrial practice.
- Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Eyes : Safety glasses
- Hands : Wear any impervious gloves. Recommended: PVC gloves.
- Respiratory : A respirator is not needed under normal and intended conditions of product use.
- Skin : No special protective clothing is required.

9. Physical and chemical properties

- Physical state : Solid. (Powder.)
- Colour : White
- Odour : Chlorine
- Boiling point : Not available
- Melting Point : Not available
- Vapour pressure : Not available
- Relative density : 1 g/cm³ (20°C)
- Flash point : Product does not support combustion.
- Vapour density : Not available
- pH concentrate : Not available
- pH 1% : 11.0-12.0
- Solubility : Easily soluble in cold water, hot water.

10. Stability and reactivity

- Stability : The product is stable under normal ambient conditions of temperature and pressure.
- Conditions to avoid : None identified.
- Materials to avoid : Strong acid.
- Hazardous : These products are carbon oxides (CO, CO²), nitrogen oxides (NO, NO²...), halogenated compounds, phosphates, hydrogen chloride. Some metallic oxides.
- Decomposition Products
- Hazardous Reactions : May react or be incompatible with acids.

11. Toxicological information

Disodium Metasilicate

Acute toxicity

LD50 Oral - rat - 847 mg/kg

Oral LD50 Rat: 1500-3200 mg/Kg - The acute oral lethality resulted from nonspecific causes.

Sodium Carbonate

Acute Eye Irritation: Toxicological Information and Interpretation

PAGE 4 OF 5: DISHMACHINE POWDER CHLORINATED

Eye - Eye Irritation, 25 mg/Kg, Rabbit. Severely Irritating; Muscle contraction or spasticity.

Acute Skin Irritation: Toxicological Information and Interpretation

Skin 500 mg/24 hour Skin Irritation, Rabbit. Mildly irritating.

Acute Dermal Toxicity

LD50. Rabbit: >2,000 mg/kg

Acute Inhalation Toxicity: Toxicological Information and Interpretation

LD50 Lethal Concentration. 50% of Test Species, 2,300 mg/cu m/2hr, rat.

Acute Oral Toxicity: Toxicological Information and Interpretation

LD50 Lethal Dose. 50% of Test Species, 4,090 mg/kg, rat.

Chronic Toxicity

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be probably or suspected human carcinogens

Potential acute health effects

Inhalation : No known significant effects or critical hazards.

Ingestion : Exposure can cause nausea, headache and vomiting.

Skin contact : Moderately irritating to the skin.

Eye contact : Moderately to severely irritating to eyes.

Potential chronic health effects

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity data : Not available

Persistence/ : Not available

Degradability

Mobility : Not available

Other adverse effects : Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Methods of disposal : Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of via a licensed waste disposal contractor.

14. Transport information

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG		Not regulated			Poisons schedule
					S5

15. Regulatory information

Australian Inventory Status : All substances are listed on AICS or exempt.

Standard for the Uniform Scheduling of Drugs and Poisons

Schedule S5

Control of Scheduled Carcinogenic Substances

Ingredient name : No listed substance

Schedule : n/a

PAGE 5 OF 5: DISHMACHINE POWDER CHLORINATED

16. Other information

Prepared by : David Greasley

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Change Made : New GHS Format

The information contained herein is to the best of our knowledge correct and complete. It is meant to describe safety requirements of this product and no warranty, express or implied is made as to its fitness for a particular purpose or any other nature as to the product to which it refers.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.