

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gene*s Automatic Dishwash Powder
SYNONYMS:
PRODUCT CODES ADW

MANUFACTURED BY CLOROGENE SUPPLIES

STEREET ADDRESS 58 WAIONE STEET, PETONE, WELLINGTON

TELEPHONE NO. 04 568 5530

EMERGENCY PHONE: 0800 CHEMCALL (0800 243622)

PRODUCT USE: DISHWASHING DETERGENT

SECTION 2: Hazardous Identification

GHS classification of the substance/mixture.

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

NOT Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land

HSNO classifications

6.1D Substances that are acutely toxic

6.3A Substance that are irritating to the skin.

6.4A Substance that causes serious eye irritation.



Signal Word WARNING

HAZARD

H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled

PREVENTION CODE

PREVENTION STATEMENT

P102	Warning, Keep out of reach of children.
P103	Read label before use
P261	Avoid breathing dust/ fumes/gas/ mist/ spray or vapours.
P264	Wash hand thoroughly after handling.
P271	use in a well ventilated area.
P280	Wear protective clothing.

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RESPONSE CODE

RESPONSE STATEMENT

P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTRE or doctor if feeling unwell.
P363	Wash contaminated clothing before reuse.
P301+P330 + P331	IF SWALLOWED, Rinse mouth. Do NOT induce vomiting.
P303+P361 +P353	IF ON SKIN or hair; remove / take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove 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.
P332 + P337 + P313	If skin or eye irritation occurs; Get medical advice/attention.

Storage Code

None allocated.

Disposal Code

P501

Disposal Statement

See section 13 for details

SECTION 3 COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT
Sodium Carbonate	497-19-8	30--40%
Sodium Tripolyphosphate	7758-29-4	20-30%
Sodium Sulphate	7757-82-6	<10%
Sodium Percarbonate	4452-58-8	<20%
Surfactant	103818-93-5	<2%
Sodium Silicate	1344-09-8	20-30%
TAED	7732-18-5	<5%
Alpha-amylase enzyme	9000-90-2	<1%
Protease enzyme	9014-01-1	<2%

SECTION 4: FIRST AID MEASURES

EYES:	If in eyes, hold eyelids apart and flush continuously with running water. Seek medical advice if problems persist
SKIN:	Wash skin under running water for 15 minutes. Seek medical advice if problems persist..
INGESTION:	For advice, call the National Poisons Centre 0800 764 766 or a doctor at once. Do not induce vomiting.
INHALATION:	Remove from contaminated area, Apply artificial respiration if not breathing. Seek medical advice if problems persist.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically

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SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Not Available

AUTO IGNITION TEMPERATURE: Not available

FLAMMABLE LIMITS IN AIR % BY VOLUME: Not available

EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: None flammable. May evolve toxic gases if strongly heated

UNUSUAL FIRE AND EXPLOSION HAZARDS: No fire or explosion hazard exists.

HAZCHEM CODE, None allocated

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment procedures

Wear personal protective equipment (PPE) as detailed in Section 8 of the SDS, Ventilate area where possible.

6.2: Methods of cleaning up:

Contain spillage, then collect and place in suitable containers for disposal.

6.3 Environmental precautions:

Prevent product from entering drains and waterways.

6.4 Reference to other sections:

See sections 8 and 13 for exposure controls and disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation.

Wash hands thoroughly after handling. Avoid release to the environment. Wear protective clothing.

STORAGE Store in a cool, well ventilated place out of reach of children. Store in original labelled containers.

END USES; No information provided.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Avoid inhalation, use in well ventilated areas.

RESPIRATORY PROTECTION: Where an inhalation risk exists, wear a class P1 particle respirator.

EYE PROTECTION: When using large quantities or where heavy contamination is likely, wear safety glasses

SKIN PROTECTION: Individuals with sensitive skin should consider wearing rubber gloves & PVC overalls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White granular powder with blue speckles

ODOR: Characteristic odour

PHYSICAL STATE: Powder

pH AS SUPPLIED: 10.8 (1% solution)

pH (Other):

BOILING POINT: Not available

MELTING POINT: Not available

FREEZING POINT: Not available

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VAPOR PRESSURE (mmHg): Not available

VAPOR DENSITY (AIR = 1): Not available

@ C:
SPECIFIC GRAVITY (H₂O = 1): 1.04
@ C:

SOLUBILITY IN WATER: Complete

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal environmental & storage conditions.

CONDITIONS TO AVOID (STABILITY): Oxidising agents and acids.

INCOMPATIBILITY (MATERIAL TO AVOID): Oxidising agents (e.g. hypochlorites) and acids (e.g. nitric)

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: May evolve toxic gases if heated to decomposition

CONDITIONS TO AVOID (POLYMERIZATION): Polymerization is not expected to occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Health hazard summary Use safe work practices to avoid eye or skin contact and inhalation. Due to the nature of use, adverse health effects are not anticipated with normal use. Upon dilution, the potential for adverse health effects may be reduced.

Inhalation: Over exposure may result in irritation of the nose, throat, coughing, dizziness and headache.

Ingestion: Ingestion may result in burns to the mouth, and throat, nausea, vomiting and abdominal pain.
Oral LD50 is > 2000 mg/kg

SKIN: Contact may result in irritation, redness pain and rash.

EYE: Contact may result in irritation, lacrimation, pain and redness.

Toxicity data SODIUM CARBONATE (497-19-8)
LC50 (inhalation) 800 mg/m³/2 hours (guinea pig)
LD50 (ingestion) 4090 mg/kg (rat)
LD50 (intraperitoneal) 117 mg/kg (mouse)
LD50 (subcutaneous) 2210 mg/kg (mouse)

SODIUM TRIPOLYPHOSPHATE (7758-29-4)
LD50 (ingestion) 3100 mg/kg (mouse)
LD50 (intraperitoneal) 525/mg/kg
LD50 (intravenous) 71 mg/kg (mouse)
LD50 (subcutaneous) 750 mg/kg (guinea pig)

SODIUM SILICATE (1344-09-8)
LD50 (ingestion) 1100 mg/kg (mouse)
LDLo (ingestion) 250 mg/kg (dog)

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SECTION 12: ECOLOGICAL INFORMATION

<u>Toxicity</u>	No information provided
<u>Persistence and degradability</u>	No information provided
<u>Bio accumulative potential</u>	No information provided
<u>Mobility in soil</u>	No information provided
<u>Other adverse effects</u>	No information provided

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:	Ensure product is covered with moist soil to prevent dust generation and dispose of to an approved Council landfill. Contact the manufacturer/supplier for additional information (if required)
LEGISLATION:	Dispose of in accordance with local legislation.

SECTION 14: TRANSPORT INFORMATION

This product is Not Hazardous for Transport in NZ; NZS 5433: 2012

LAND TRANSPORT

UN No:	None allocated
PROPER SHIPPING NAME:	None allocated
DANGEROUS GOODS CLASS:	None allocated
PACKING GROUP:	None allocated

<u>Environmental hazards</u>	No information provided
<u>Special precautions for user</u>	Hazchem code none allocated

SECTION 15: REGULATORY INFORMATION

HSNO APPROVAL NO:	HSR002530
Group standard:	Cleaning product Group Standard
HSNO Classes:	6.1D, 6.3A, 6.4A,

SECTION 15 NOTES: For more information see www.erna.govt.nz Group Standards

SECTION 16: OTHER INFORMATION

New Zealand National Poison Information Centre (24 hours) 0800 POISON (764 766)
New Zealand Emergency Services: 111

PREPARATION INFORMATION: Clorogene Supplies Ltd

Reason(s) for Issue:

This MSDS summarises to the best of our knowledge at the date of issue, the chemical and safety hazards for the material and general guidance on how to safely handle the material in the place of use. Clorogene Supplies Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Clorogene Supplies Ltd as per the contact details on page 1.

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