SAFETY DATA SHEET

ABCO PRODUCTS
STOCKCODE: 160568

SAFETY DATA SHEET ACCORDING TO WHS AND ADG REQUIREMENTS

COMPLIATION DATE 01/03/2021

REVISION NO.1

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE & OF THE COMPANY/ UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Name: Puregiene Mould Exterminator

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of Substance/ Mixture: Chlorine based mouldicide, mould stain remover and hard surface cleaner

1.3 DETAILS OF THE MANUFACTURER/ IMPORTER

Registered Company Name: Puregiene

Address: 44 John Street, Bentley WA 6102

Telephone: 1800 177 399

Email: sales@abcopro.com.au

1.4 EMERGENCY TELEPHONE NUMBER

Association/ Organisation: Poisons Information Centre

Emergency Telephone No.: 13 11 26

Other Emergency Telephone: +61 (0) 1800 177 399 Mon-Fri 7:30 AM - 1:30 AM

SECTION 2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Most Important Adverse Effects: Skin Corrosion/Irritation Category 2, Eye Irritation Category 2

2.2 LABEL ELEMENTS

Signal Word: Warning

Hazard Statements: Causes skin and eye irritation. Causes serious eye irritation. Contact with acid liberates toxic gas

Hazard Pictograms:

Precautionary Statement Response:

Read the label before use. Keep out of reach of children. If medical advice is needed, have a product container or label at hand.

Wear protective gloves and eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice / attention.

IF ON SKIN (or hair): Wash with plenty of water and soap. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice / attention.

IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce. vomiting
Wash contaminated clothing before reuse.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 MIXTURES

Hazardous Ingredients:

Ingredient Name:	%	CAS Number
Sodium hypochlorite (%chlorine active) Non-hazardous ingredients Aqua (water)	5.0 1-10% balance	7681-52-9 Proprietary --

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

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Eye Contact:

If this product comes in contact with the eyes:
Wash out immediately with fresh running water for 10-15 minutes.
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. If pain persists or recurs seek medical attention.
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Inhalation:

If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

Skin Contact:

Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Ingestion:

Immediately give a glass of water.
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: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Media: The product contains a substantial amount of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire incompatibility None known

5.3 ADVICE FOR FIRE-FIGHTERS

Fire Fighting Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves in the event of a fire.

Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

If safe to do so, remove containers from path of fire.

Fire/Explosion Hazard The material is not readily combustible under normal conditions.

However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk.

Heat may cause expansion or decomposition with violent rupture of containers emit acrid smoke.

Decomposes on heating and produces toxic fumes of: carbon monoxide (CO), carbon dioxide (CO2) ,phosphorus oxides (POx) and other pyrolysis products typical of burning organic material

May emit corrosive fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES

Minor Spills	Flush away with copious amounts of water.
Minor Spills	Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. 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.

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

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Safe Handling:	Avoid all personal contact. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Use in a well-ventilated area. Always wash hands with soap and water after handling.
Other information:	Store in original containers. Keep containers securely sealed. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS. DO NOT store near acids, or oxidising agents No smoking, naked lights, heat or ignition sources Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Suitable container:	Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
Storage incompatibility	Avoid contact with acids and oxidizing and reducing agents.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Workplace Exposure Limits:

Ingredient Name:	Exposure Limits:
No data available	No data available

Emergency Limits:

Ingredient Name:	Material name:	TEEL-1	TEEL-1	TEEL-1
sodium hypochlorite	sodium hypochlorite	2 mg/m3	20 mg/m3	630 mg/m3

Emergency Limits:

Ingredient Name:	Original IDLH:	Revised IDLH
sodium hypochlorite	250 mg/m3	10 mg/m3

8.2 EXPOSURE CONTROLS

Appropriate engineering controls

Maintain adequate ventilation at all times.
In most circumstances natural ventilation systems are adequate.
If ventilation is poor, then the use of a local exhaust ventilation system is recommended.

Personal protection

Eye and face protection

Safety glasses with side shields OR Chemical goggles.
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.

Skin Protection

See Hand protection below

Hands/feet protection

Wear elbow length chemical protective gloves. Neoprene or butyl are recommended for this application.

Body protection

See Other protection below

Other protection

Barrier cream, skin cleansing cream. Ensure access to running water.

Thermal hazards

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear yellow liquid	**Relative density (Water = 1)**	Not available
Physical state:	Liquid	**Partition coefficientn-octanol / water**	Not available
Odour:	Mild lemon scent		
Odour threshold	Not available	**Auto-ignition temperature (°C)**	Not available
pH:	11.3-11.8	**Decomposition temperature**	Not available
Melting point / freezing point (°C)	Not available	**Viscosity (cSt)**	Not available
Initial boiling point and boiling range (°C)	Not available	**Molecular weight (g/mol)**	Not available
		Taste:	Not available
Flash point (°C)	Not available	**Explosive properties:**	Not available
Evaporation rate	Not available	**Oxidising properties:**	Not available
Flammability	Not available	**Surface Tension (dyn/cm or mN/m)**	Not available
Upper Explosive Limit (%)	Not available		
Lower Explosive Limit (%)	Not available	**Volatile Component (%vol)**	Not available
Vapour pressure (kPa)	Not available	**Gas group**	Not available
Solubility in water (g/L)	Souble	**pH as a solution (1%)**	Not available
Vapour density (Air = 1)	Not available	**VOC g/L**	Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Reactivity: See section 7

10.2 CHEMICAL STABILITY

Chemical Stability: Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous Reactions: See section 7

10.4 CONDITIONS TO AVOID

Conditions to Avoid: See section 7

10.5 INCOMPATIBLE MATERIALS

Materials to Avoid: See section 7

10.6 HAZARDOUS DECOMPOSITION POSITION

Haz. Decomp. Products: See section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Inhaled	The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.
Skin Contact	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition Open cuts, abraded or irritated skin should not be exposed to this material 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.
Eye	This material can cause eye irritation and damage in some persons.
Chronic	No relative data listed.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Not considered to be ecotoxic.

12.2 PERSISTENCE AND DEGRADABILITY

Persistence and Degradability:	Not available.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulative Potential:	Not Available.

12.4 MOBILITY IN SOIL

Mobility:	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Product / Packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.

SECTION 14: TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not applicable

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

SECTION 15: REGULATION INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

SODIUM HYPOCHLORITE (7681-52-9) IS FOUND ON THE FOLLOWING	'Australia Inventory of Chemical Substances (AICS)', 'Australia Hazardous Substances Information System - Consolidated Lists' 'International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SECTION 16: REGULATION INFORMATION

OTHER INFORMATION

Other Information:	Classification of the preparation and its individual components has drawn on official and authoritative sources using available literature references. The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.
Definitions and abbreviations	**PC-TWA** Permissible Concentration-Time Weighted Average, **PC-STEL** Permissible Concentration-Short Term Exposure Limit, **IARC** International Agency for Research on Cancer, **ACGIH** American Conference of Government Industrial Hygienists, **STEL** Short Term Exposure Limit, **TEEL** Temporary Emergency Exposure Limit, **IDLH** Immediate Danger to Life or Health Concentrations, **OSF** Odour Safety Factor , **NOAEL** No Observed Effects Level , **TLV** Threshold Limit Value , **LOD** Limit Of Detection, **OTV** Odour Threshold Value , **BCF** Bio Concentration Factors , **BEI** Biological Exposure Index

END OF SDS