



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT

Product Name/s:	Variant/s	Manufacturer's Product Codes	
		Finished Goods Code:	Formula Code:
Domestos	Regular	All pack sizes	1000-13
Domestos	Mountain Fresh	All pack sizes	1001-09
Domestos	Glacier Fresh	All pack sizes	1005-01
Domestos	Citrus Fresh	All pack sizes	1011-01
Domestos	Pink Power	All pack sizes	1015-01

Recommended Use: Disinfectant cleaner – meets hospital grade requirements when used as directed.

Supplier: Unilever Australasia

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Emergency Telephone: 1 800 227 200 Consumer Relations Department Mon-Fri 9.00am-5.00pm

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE – NON-DANGEROUS GOOD

Hazard Category: Xi: Irritant

Risk Phrase(s): R31 Contact with acids liberates toxic gas.
R36/38 Irritating to eyes and skin.

Safety Phrase(s): S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.
S50 Do not mix with acid.

Class: None Allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion %
Water	7732-18-5	< 60%
Sodium Hypochlorite	7681-52-9	<10 %



Sodium Hydroxide	1310-73-2	<10%
Alkaline Salts	-	<10%
Electrolyte	-	<10%
Amine Oxide	-	<10%
Soap	-	<10%
Perfume	-	<10%

4. FIRST AID MEASURES

Ingestion:	Remove product from mouth. Drink 1 or 2 glasses of water (or milk). If large amount swallowed or symptoms develop obtain medical attention.
Eye contact:	Hold eyes open, flood with water for at least 15 minutes and see a doctor.
Skin contact:	Wash accidental spillage from skin. Remove contaminated Clothing. Obtain medical attention if symptoms develop.
Inhalation:	Remove from source of exposure to fresh air. Obtain medical attention immediately.
Symptoms:	Symptoms may vary depending on the level of exposure
Notes to physician:	Symptomatic and general supportive treatment should be given.
Treatment:	Treat Symptomatically

5. FIREFIGHTING MEASURES

Suitable extinguishing media:	Extinguish with water, CO ₂ , foam or dry chemical. Fire fighters should wear self-contained breathing apparatus for risk of exposure to decomposition products.
Specific hazards:	Not flammable but may give off toxic fumes if involved in a fire.
Hazards from decomposition products:	Burning can produce CO ₂ , CO, water vapour, and nitrogen oxide. Reacts violently with acids producing dangerous levels of gaseous CHLORINE.

6. ACCIDENTAL RELEASE MEASURES

Small spills:	For spills during personal use, rinse with plenty of water. Normal good housekeeping practices required.
Large spills:	For major spills of bulk product, protective clothing consisting of overalls, safety glasses and gloves should be worn. Spills should be contained and absorbed to prevent drain or sewer contamination, and then collect for disposal. Wash any remaining product.



7. HANDLING AND STORAGE

Precautions for Handling:	When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation.
Precautions for Storage:	An eyewash station should be installed next to where bulk product is made or stored.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits:	No value assigned for this specific material. However, the exposure for: SODIUM HYDROXIDE: 1310-73-2: 2 mg/m ³ TWA (TWA is the time weighted average concentration of that substance over an 8 hour day, for a 5 day working week). 2 mg/m ³ (Peak Limitation) STEL (STEL means a 15 minute TWA exposure which should not be exceeded at any time during the working day). SODIUM HYPOCHLORITE: 7681-52-9: No exposure limits assigned by Worksafe Australia. However decomposition product CHLORINE has limits: 1 ppm / 3 mg/m ³ TWA 1 ppm / 3 mg/m ³ STEL
Engineering measures:	When handling bulk product, ensure adequate ventilation. Avoid breathing vapour.
Personal protection equipment:	When handling bulk product wear safety glasses and protective gloves. Avoid prolonged contact with skin. Avoid excessive inhalation.
Manufacturing, packaging and transport:	Not defined as a Dangerous Good by the Australian Code for Transport of Dangerous Goods by Road or Rail.
Preparation and use of product:	Do not mix with detergents or other chemicals, particularly toilet cleaners. Mixing may generate toxic chlorine gas. Keep away from foodstuffs and drinks. Wash hands before breaks and at end of shifts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour/Odour:	Pale straw coloured viscous liquid.
Specific Gravity (20C):	1.084
Boiling Point (C):	Approx. 100°C
Rel Vapour Density (air=1):	Not applicable
Melting Range (C):	Not applicable
Vapour Pressure (20C):	Not applicable



Flash Point (C):	Not available
Flammability Limits (%):	Not available
pH:	Approx. 13.2 (neat)
Autoignition Temp (C):	Not applicable
% Volatile by volume:	Not applicable
Solubility in water (mg/l):	Soluble in all proportions

10. STABILITY AND REACTIVITY

Stability:	Oxidising Agent. Reacts with acids to produce toxic chlorine gas. Contamination of product and exposure to light and heat will accelerate decomposition. Incompatible with most metals. Will react with metal salts and reducing agents.
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11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

Ingestion:	Causes irritation.
Eye contact:	Causes irritation.
Skin contact:	Causes irritation.
Inhalation:	Causes irritation and may cause bronchospasm in chlorine sensitive individuals.
Long Term Effects:	No specific chronic effects expected.
Acute Toxicity/Chronic Toxicity:	Not available

12. ECOLOGICAL INFORMATION

Aquatic toxicity:	Not available
Terrestrial toxicity:	Not available
Environmental fate:	Not available

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Empty bottles can be rinsed and disposed through council recycling service if this type of packaging is accepted.

14. TRANSPORT INFORMATION

UN Number:	None Allocated
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Proper shipping name:	None Allocated
Class:	None Allocated
Subsidiary Risk 1:	None Allocated
Packing group:	None Allocated
Hazchem code:	None Allocated
EPG:	None Allocated
Segregation Dangerous Goods:	None Allocated
Marine Transport:	None Allocated
Air Transport:	None Allocated

15. REGULATORY INFORMATION

SUSDP Poisons Schedule Number:	5
Prohibition/Licensing Requirements:	There are no applicable prohibition or notification, licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
Industrial Chemicals (Notifications and Assessment) Act 1989:	All ingredients are listed on or exempt from the Australian inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Date of Last Revision: 14 February 2005

Contact Point

Title / Position: Quality Assurance Manager
Section: Quality Assurance, Unilever Australasia
Telephone: (02) 9871 9316
Poison Information Centre 24 Hour Telephone: 131126

DISCLAIMER

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. Since Unilever Australasia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.