

Material Safety Data Sheet

Sink Miracle™

1. Identification of the substance/mixture and supplier

Product Name	Sink Miracle™
Other names	None
Recommended Uses	Cleaner
Supplier	Heritage Hardware Ltd
Street address	806 Omahu Road Hastings New Zealand
Freephone Number	0508 437 487
Telephone Number	(06) 878 8904
Facsimile	(06) 878 8906
e-mail	info@heritagehardware.co.nz
Emergency Telephone	NZ Fire Service - 111 National Poisons Centre – 0800 764 766 (0800 POISON)

2. Hazards Identification

Dangerous Goods

Not classified as a dangerous goods according to NZS 5433:1999 Transport of Dangerous Goods on Land

Hazardous Substances

Classified as hazardous according to the criteria in the HS (Minimum Degrees of Hazard) regulations 2001

HSNO Classifications

6.1 (acutely toxic)
6.3B (mild skin irritant)
6.4A (irritating to the eyes)
9.3C (harmful to terrestrial vertebrates)

Hazard Statements

Maybe harmful if swallowed. Maybe harmful in contact with skin. Causes mild skin irritation. Causes eye irritation. Harmful to terrestrial vertebrates.

Precautionary Statements

Keep out of the reach of children. Read label before use. Wash hands and exposed skin thoroughly after handling. Avoid release to the environment.

3. Composition/Information on Ingredients

Contents	CAS Number	Proportion

4. First Aid Measures

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor. Have product container or label at hand.

Inhalation

Remove person from danger area. Supply person with fresh air.

Eye Contact

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.

Skin Contact

Wash with plenty of soap and water, remove contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention.

Ingestion

Do not induce vomiting and call a doctor immediately

Advice to Doctor

Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766

5. Fire Fighting Measures

Suitable extinguishing material

Water jet spray, alcohol resistant foam, CO2, dry extinguisher.

Extinguishing media which must not be used for safety reasons

High volume water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop; Oxides of carbon

Special protective equipment for fire-fighters

Protective respirator with independent air supply.

Further information

Dispose of contaminated extinction water according to Local Council regulations.

6. Accidental Release Measures

Personal precautions

Ensure sufficient ventilation.
If applicable, caution – risk of slipping. Avoid contact with eyes.

Environmental measures

If leakage occurs, dam up. Prevent surface and ground-water infiltration, as well as ground penetration. Do not pour down the drain undiluted.

Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of.

7. Handling and Storage

Handling advice

Before use carefully read the product label. Avoid eye contact. Avoid generating and breathing mist or vapour. Wash splashed material off exposed skin thoroughly after handling. Avoid release to the environment.

Storage advice

Store in a cool, dry well ventilated area, away from direct sunlight, heat sources and food stuffs. Ensure containers are correctly labelled, protected from physical damage, sealed when not in use and stored upright. Check regularly for leaks, spills etc. Keep out of reach of children. Keep containers closed when not in use. Do not use empty containers for storage of foodstuffs.

8. Exposure Controls / Personal Protection

Exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Respiratory protection

Normally not necessary.

If the general dust-limit is exceeded, breathing masks with fine-dust filters are necessary.

Hand protection

Chemical resistant protective gloves.

Recommended: Neopren gloves or nitrile gloves.

Eye protection

With danger of contact with eyes: Tight fitting protective goggles with side protection.

Skin protection

Protective working garments (e.g. safety shoes, long-sleeved protective working garments)

Additional information on hand protection – No tests have been performed. Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only

on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

9. Physical and Chemical properties

Physical state:	liquid
Colour:	yellow
Odour:	characteristic
pH-value	n.a.
10 % pH-value:	n.a.
Boiling point (°C):	>= 140
Melting point (°C):	n.av.
Flash point (°C):	> 100°C
Oxidising	No
Density (g/ml):	0,854
Solubility in water:	Insoluble
Viscosity:	liquid

10. Stability and reactivity

Conditions to avoid

Heating, open flame, ignition sources. Stable when handled and stored correctly.

Materials to avoid

No dangerous reactions are known.

Hazardous decomposition products

No decomposition when used as directed.

11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):		n.av.
Inhalation, LC50 rat inhal. (mg/l/4h):	n.av.	
Skin contact, LD50 rat dermal (mg/kg):		n.av.
Eye contact:		n.av.

Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

Classification according to calculation procedure.

12. Ecological information

Aquatic toxicity

No data available for this product

13. Disposal

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Normally product is suitable for disposal at an approved landfill site. Processing, use or contamination of this product may change the waste management options. Care should be taken to ensure compliance with national and local regulations. This product is NOT for disposal via municipal sewers, drains, natural streams or rivers.

Special Precautions: Emptied containers retain product residue and may therefore present hazards. Empty containers should be taken for disposal through a suitably qualified or licensed contractor. Observe all safeguards on label and in this SDS until container is cleaned or destroyed. Decontaminate empty containers with plenty of water. Dispose of washed containers in accordance with local authority requirements (normally at an approved landfill site).

14. Transport Information

Road and Rail Transport

Not classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory Information

ERMA (NZ) Approval code

HSR002530

Group Standard

Cleaning Products (Subsidiary Hazard) Group Standard 2006

HSNO Classification

6.1E (acutely toxic)
6.3B (mild skin irritant)
6.4A (irritating to the eyes)
9.3C (harmful to terrestrial vertebrates)

HSNO Controls

Trigger quantities for this substance by itself in a "place":

Approved Handler:	requirement not triggered
Secured when unattended:	requirement not triggered
Tracking:	requirement not triggered
Transit depot requirements:	requirement not triggered
Hazardous substance location:	requirement not triggered
Hazardous atmosphere zone:	requirement not triggered
Child Resistant Packaging:	requirement if offered for sale in a package that is less than 2.5L (Not applicable if the offer for sale is made in a place of work where children do not have access and the substance is for use in that place of work)

Emergency Management

Level 1 information: 0.1 Litre

Level 2 documentation:	5 Litres
Level 3 requirements:	requirement not triggered
Emergency response plan:	requirement not triggered
Workplace signage:	10,000 Litres
Fire extinguishers:	requirement not triggered
GHS Pictogram:	No pictogram

16. Regulatory Information

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