

Infosafe No™ VAR7M	Issue Date : October 2024	ISSUED by HUNTERST
Product Name DYNAMIC 2000		

Section 1 - Identification

Product Identifier	DYNAMIC 2000
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 AUSTRALIA
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency Phone Number	0417 744 144
Recommended use of the chemical and restrictions on use	As a multi-purpose cleaner. Dilute and use as directed on the product label.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Eye damage/irritation: Category 2A Sensitisation - skin: Category 1 Skin corrosion/irritation: Category 2
Signal Word	WARNING
Hazard Statement (s)	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
Pictogram (s)	Exclamation mark



Precautionary Statement – Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P302+P352 IF ON SKIN: Wash with plenty of water. 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+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P404 Store in a closed container.
Precautionary Statement – Storage	
Precautionary Statement – Disposal	P501 Dispose of contents/container in accordance with local regulations
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Non hazardous surfactants	Mixture	1-10 %
	Alkaline Salts		1-10 %
	Sodium hydroxide	1310-73-2	0-2 %
	Limonene	138-86-3	1-2 %
	Ingredients determined not to be hazardous, including water.		to 100%

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Section 4 - First Aid Measures

Inhalation	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion	Do NOT induce vomiting. Give a glass of water.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product is an alkaline solution containing mixed surfactants. Irritating to skin and eyes. Contains a very low proportion of d-limonene which may cause sensitisation by skin contact. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide, oxides of nitrogen and phosphorous. Incomplete combustion may generate carbon monoxide.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific Hazards Arising from the Chemical	Not a fire hazard. Not an explosion hazard.

Section 6 - Accidental Release Measures

Emergency Procedures	Contain.
Spills & Disposal	For large spills: Contain spillages with sand or earth. Transfer both liquid and solids to suitable container(s). Treat residues as for small spills. For small spills: If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb on inert absorbent and transfer to suitable container. Wash site of spillage thoroughly with water.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities	Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
Unsuitable Materials	Incompatibles: Acids, oxidising agents.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Sodium hydroxide			2		Peak limitation
Engineering Controls	Avoid using active metals (such as aluminium, tin, zinc or galvanised iron), or wood products, as materials of construction. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.					

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Personal Protective Equipment	Avoid contact with skin and eyes. Avoid breathing aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: - Eye/face protection - Gloves, rubber or plastic. Industrial Quantities: - Face shield or safety glasses - Gloves, rubber or plastic - Plastic apron, sleeves and boots - Impervious overalls. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.
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Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Clear, yellow, mobile, frothing liquid.
Odour	Smell of citrus.
Boiling Point	approx. 100C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.0
pH	> 11.5
Flash Point	None
Flammability	Not flammable.
Other Information	Alkaline mixture. May react vigorously with acids. May react with strong oxidising agents. Contact with active metals (such as aluminium, tin, zinc) may generate hydrogen, a flammable gas. May attack wood and wood products. Very slippery when spilled.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	May react vigorously with acids.
Conditions to Avoid	Incompatible materials.
Incompatible Materials	Acids, oxidising agents, active metals.
Hazardous Decomposition Products	Oxides of phosphorus, oxides of nitrogen.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD50 Mixed surfactants: 2,800 - 4,190 mg/kg oral, rat. d-Limonene: 4400mg/kg oral, rat
Ingestion	Irritating to mouth, throat and stomach. Likely to cause gastric upset, nausea, vomiting and diarrhoea. An aspiration risk.
Inhalation	An unlikely route at normal temperatures. Aspiration of froth into the lungs during swallowing or vomiting may lead to serious chemical pneumonitis (irritation and inflammation of lung tissues) and pulmonary oedema (fluid build-up in the lungs), with potential to become a medical emergency. Onset of symptoms may be delayed.
Skin	Will have a strong degreasing effect on the skin. May cause strong irritation. May cause sensitization.
Eye	Irritating to eyes. May cause redness and pain. Prolonged contact may cause tissue damage.

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Chronic Effects	Repeated skin contact may lead to irritation and possible skin burns. d-Limonene is reported as a sensitiser by skin contact, and in sensitised individuals further contact may result in allergic reactions.
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Section 12 - Ecological Information

Ecotoxicity	May be harmful to aquatic organisms.
Persistence and Degradability	One of the surfactants used in this product is not considered to be readily biodegradable.
Mobility	Readily transported by water.
Other Adverse Effects	Contains phosphates. May contribute to the development of algal blooms in natural waters. Contains surfactants. May be harmful to aquatic organisms, including fish.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.
Product Disposal	Avoid disposal to natural waters or the environment.
Container Disposal and Methods	Avoid using containers of aluminium, tin, zinc or galvanised iron.
Special Precautions for Incineration or Landfill	Unsuitable for incineration. May be unsuitable for some landfill sites.

Section 14 - Transport Information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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Section 15 - Regulatory Information

Poisons Schedule	S5
Australia (AICS/AIC)	All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation	27/10/2024
Literature References	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals GHS7
Signature of Preparer/Data Service	Technical Manager 0417 744 144
Technical Contact Numbers	Emergency Advice All Hours: Technical Manager: 0417 744 144 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs Transport/Fire Emergency: 000 (Emergency services)
Other Information	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...

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