

SAFETY DATA SHEET



PERFORMANCE PLUS

CLEANING SYSTEMS LIMITED

Catalogue number: FT452

Version No: 2.3

Issue date: 27/05/2022

Safety Data Sheet according to WHS and ADG requirements

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	PERFORMANCE PLUS
Product code	FT452
Pack sizes	5L & 20L

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Wool safe carpet prespray detergent
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Details of the manufacturer/importer

Registered company name	CLEANING SYSTEMS LIMITED
Address	331A East Tamaki Road, East Tamaki, Auckland, 2013, NZ
Telephone	+64 9579 4114, 0800 100 117
Website	www.cleaningsystems.co.nz
Email	sales@cleaningsystems.co.nz

Emergency telephone number

Association / Organisation	National Poisons Centre
Emergency telephone numbers	0800-764-766 (0800 POISON)
Other emergency telephone numbers	Not Available


SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the criteria of New Zealand HSNO Hazardous Substances (Hazard Classification) Notice 2020 and New Zealand NZS5433.

Poisons Schedule	Not Applicable
Hazard Classification	Serious Eye Damage/Irritation Category 2
	Classification drawn from HCIS and ECHA C&L Inventory

Label elements

Hazard pictograms	
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SIGNAL WORD	WARNING
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Hazard statement(s)

H319	Causes serious eye irritation
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Precautionary statement(s) Prevention

P280	Wear eye protection/face protection
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Precautionary statement(s) Response

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

This SDS and the hazard classifications contained herein only apply to the product in its concentrated form as supplied. When diluted as recommended and ready-to-use, they no longer apply. However, good hygiene and housekeeping practices should be adhered to

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures.

Mixtures

CAS No	%[weight]	Name
64-02-8	<10	EDTA tetrasodium salt
Trade secret	<10	Proprietary surfactant A
Trade secret	<10	Proprietary surfactant B
Trade secret	<10	Proprietary surfactant C

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with eyes: Seek medical advice/attention without delay. Wash out immediately with water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs with concentrate: Flush skin and hair with running water. Seek medical advice in event of irritation.
Inhalation	Not applicable
Ingestion	Do NOT induce vomiting. 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 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	There is no restriction on the type of extinguisher which may be used
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Special hazards arising from the substrate or mixture.

Fire incompatibility	None known
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Advice for firefighters

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 (CO ₂), phosphorus oxides (PO _x) and other pyrolysis products typical of burning organic material. May emit corrosive fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Flush away with copious amounts of water.
Major Spills	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. Prevent by any means available any spillage entering a watercourse.
PPE	Personal protective equipment advice is contained in Section 8 of this SDS

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Wear suitable protective clothing depending on the circumstances. Do not mix with other chemicals unless expressly recommended by the manufacturer. Always store in original container.
Other information	

Conditions for safe storage, including any incompatibilities.

Suitable container	Polyethylene or polypropylene container
Storage incompatibilities	Strong acids and oxidizing agents

PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA


Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
EDTA tetrasodium salt	Ethylenediaminetetraacetic acid, tetrasodium salt; (Tetrasodium EDTA)	75 mg/m3	830 mg/m3	5000 mg/m3

Ingredient	Original IDLH	Revised IDLH
EDTA tetrasodium salt	Not Available	Not Available

Exposure controls

Appropriate engineering controls	Maintain adequate ventilation at all times
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.
Hands/feet protection	Wear chemical protective gloves.
Other protection	Barrier cream. Eye wash unit.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear yellow liquid		
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Physical state	Liquid	Relative density (Water = 1)	1.0
Odour	Lemon citrus	Viscosity (cSt)	Not Available
Odour threshold	Not Available	Auto-ignition temperature(°C)	Not Applicable
pH (as supplied)	7.5	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Partition coefficient n-octanol / water	Not Available
Initial boiling point and boiling range (°C)	100	Surface Tension (dyn/cm or mN/m)	Not Available
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Molecular weight (g/mol)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible	pH as a solution	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Mists from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing and discomfort.
Ingestion	May cause irritation to the mouth, throat and stomach.
Skin Contact	No adverse effects listed.
Eye	Concentrate may cause serious eye damage.
Chronic	No relative data listed.

Toxicological effects of ingredients

EDTA tetrasodium salt	Acute toxicity	Oral LD50 (rat): >1780 - <2000 mg/kg
	Skin corrosion/irritation	Contact with skin may result in irritation
	Eye damage/irritation	Irritant (rabbit).
	Respiratory/skin sensitization	Not sensitizing
	Germ cell mutagenicity	No adverse effect observed
	Carcinogenicity	Not listed as carcinogenic according to the International Agency for Research on Cancer (IARC).
	Reproductive toxicity	No Data Available
	STOT (single exposure)	No Data Available
	STOT (repeated exposure)	No Data Available
	Aspiration toxicity	No Data Available
proprietary surfactant A	Acute toxicity	No Data Available
	Skin corrosion/irritation	No Data Available
	Eye damage/irritation	Irritating to eyes
	Respiratory/skin sensitization	No Data Available
	Germ cell mutagenicity	No Data Available
	Carcinogenicity	No Data Available
	Reproductive toxicity	No Data Available
	STOT (single exposure)	No Data Available
	STOT (repeated exposure)	No Data Available
	Aspiration toxicity	No Data Available
proprietary surfactant B	Acute toxicity	No data available
	Skin corrosion/irritation	No skin irritation
	Eye damage/irritation	Eye irritation
	Respiratory/skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No data available
	Reproductive toxicity	No data available
	STOT (single exposure)	No data available
	STOT (repeated exposure)	No data available
	Aspiration toxicity	No data available
proprietary surfactant C	Acute toxicity	Oral LD50 (rat) 2546 mg/kg Dermal LD50 (rat) 1844 mg/kg
	Skin corrosion/irritation	Causes skin irritation
	Eye damage/irritation	Causes serious eye irritation
	Respiratory/skin sensitization	Not a skin sensitizer based on components
	Germ cell mutagenicity	There is no data available
	Carcinogenicity	No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1%
	Reproductive toxicity	There is no data available
	STOT (single exposure)	There is no data available
	STOT (repeated exposure)	There is no data available
	Aspiration toxicity	There is no data available

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	Endpoint	Duration (Hr.)	Species	Value
EDTA tetrasodium salt	LC50	96	Fish	41mg/L
	EC50	48	Crustacea	140mg/L
	EC50	72	Algae or other aquatic plants	=1.01mg/L
	EC10	72	Algae or other aquatic plants	=0.48mg/L
	NOEC	33	Algae or other aquatic plants	0.0003802-mg/L
proprietary surfactant A	LC50	96	Oncorhynchus mykiss (rainbow trout)	4.2 mg/L
	EC50	48	Daphnia magna (Water flea)	3.3 mg/L
proprietary surfactant B	LC50	96	Oncorhynchus mykiss (rainbow trout)	7.5 mg/L
	EC50	48	Daphnia magna (Water flea)	3.2 mg/L
proprietary surfactant C	LC50	96	Rainbow trout	32.15 mg/L

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Data available for all ingredients	No Data available for all ingredients

Bio accumulative potential

Ingredient	Bioaccumulation
	No Data available for all ingredients

Mobility in soil

Ingredient	Mobility
	No Data available for all ingredients

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.
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SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

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

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

EDTA TETRASODIUM SALT IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 4
Australian Inventory of Industrial Chemicals (AIIC)

NEW ZEALAND HSNO ACT 1996

Substance approval - Cleaning Products (Subsidiary Hazard) Group Standard | HSR002530 | October 2020

SECTION 16 OTHER INFORMATION

Revision Schedule

Revision Date	27/05/2022
Initial Date	08/12/2016

SDS Version Summary

Version	Issue Date	Sections Updated
2.1	10/03/2021	Sections 2, 3, 4, 5, 8, 11, 12, 15, 16 have been updated or corrected
2.2	23/06/2021	Header and 3, 8, 11, 12, 15.
2.3	27/05/2022	Sections 2, 3, 11, 12.

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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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

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End of SDS