



Toilet Treat

SECTION 1: MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Identifier

Product Name	EKO CARE TOILET TREAT
Chemical Name	Mixture
Synonyms	Toilet Bowl Cleaner & Sanitiser
Other Means Of Identification	

Relevant Identified Uses of the Substance or mixture & uses advised against

Relevant Identified Uses	Specialty Toilet Cleaning & Sanitising Chemical - Mixture
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Details of the Supplier of the Safety Data Sheet

Registered Company Name	Synforce (Aust.) Pty Ltd
Address	2-11 Ellengowan Street, Urangan, QLD 4655
Telephone	+61 7 4125 3531
Fax	+61 7 4125 3521
Website	www.synforce.com.au
Email	info@synforce.com.au

Emergency Telephone Number

Association/Organisation	Synforce (Aust.) Pty Ltd
Emergency Telephone Number	+61 7 4125 3531
Other Emergency Telephone Number	Not Available

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture:

NON-DANGEROUS GOODS: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by road and rail.

HAZARDOUS MATERIAL: This material is classified as being hazardous according to the Globally Harmonised System (GHS) of classification and labelling of chemicals.

Poisons Schedule	NOT APPLICABLE
Classification	Skin Corrosion / irritation – Category 2 Serious Eye Damage /eye irritation – Category 2A

Label Elements

GHS Label Elements





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Signal Word	WARNING
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Hazard statement/s

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary statement/s Prevention

P102	Keep out of reach of children
P103	Read label before use.
P202	Do not handle until all safety precautions have been read & understood.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash hands thoroughly after handling.

Precautionary statement/s Response

P101	If medical advice is needed, have product container or label at hand.
P301+P312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P308+P313	If exposed or concerned: get medical attention/advice

Precautionary statement/s Storage

P401	Store in accordance with local regulations.
P404	Store in a closed container.

Precautionary statement/s Disposal

P501	Dispose Of Contents/Container In Accordance With Local Regulations
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substances/Mixtures

See information below for composition of Mixtures

CAS NO.	% WEIGHT	NAME
68424-85-1	1-5%	Benzalkonium Chloride
68439-50-9	1-5%	C12-C14 fatty alcohol, ethoxylated
	Balance to 100%	Other ingredients not considered to be hazardous

SECTION 4: FIRST AID MEASURES

General Advice: For advice, contact a Poisons Information Centre (Ph Australia 131 126) or a Doctor at once.

Description of First Aid measures

EYE CONTACT	If this product comes in contact with the eyes: ➤ Immediately wash in and around eye area with large
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	amounts of clean luke warm water for at least 15 minutes. Remove contact lenses if present and easy to do. ➤ 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. ➤ Seek medical attention without delay.
SKIN CONTACT	If skin contact occurs: ➤ Immediately remove all contaminated clothing, including footwear. ➤ Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. ➤ Seek medical attention if irritation develops and persists.
INHALATION	➤ Move patient to a source of fresh air & keep calm. ➤ Treat symptomatically. ➤ Remove contaminated clothing and loosen remaining clothing. ➤ Seek medical advice if symptoms occur.
INGESTION	If swallowed do NOT induce vomiting. ➤ If vomiting occurs, lean patient forward or place on left side (head down position, if possible) to maintain open airway and prevent aspiration. ➤ Observe the patient carefully. ➤ Never give liquid to a person showing signs of being sleepy or with reduced awareness: ie becoming unconscious. ➤ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. ➤ Seek immediate medical assistance.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

HAZCHEM Code: Not Applicable

Extinguishing media

- Alcohol resistant Foam.
- Dry chemical powder.
- BCF (where regulations exist)
- Carbon dioxide.
- Fine Water spray or fog – large fires only.

Special hazards arising from the substrate or mixture

Combustibility	➤ Not flammable or combustible. Decomposition products may include carbon oxides, metal oxides.
Fire Incompatibility	➤ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

Advice for firefighters

Fire Fighting	<ul style="list-style-type: none">➤ Alert Fire Brigade and tell them location and nature of hazard.➤ Wear breathing apparatus plus protective gloves.➤ Prevent spillage from entering drains or water course.➤ Use water delivered as a fine spray to control fire and cool adjacent area.➤ Do not approach containers suspected to be hot.➤ Avoid spraying water onto liquid pools.➤ 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	➤ Heating may cause expansion or decomposition leading to rupture of



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- containers.
- Decomposition products may include carbon oxides (carbon monoxide (CO), carbon dioxide (CO₂) other pyrolysis products typical of burning organic material.
- CARE: Water in contact with hot liquid may cause foaming and a steam explosion with wide scattering of hot liquid and possible severe burns. Foaming may cause overflow of containers and may result in possible fire

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

- Ensure adequate ventilation.
- Keep people away and upwind of spill/leak.
- Avoid inhalation, ingestion and contact with skin and eyes.
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Ensure clean up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

- Prevent spillage from entering drains or waterways.
- Contain spill with sand, earth, or vermiculite.
- Collect recoverable product into labelled containers for recycling.
- Absorb remaining product with sand, earth, or vermiculite and place in appropriate containers for disposal.
- Wash area and prevent run off into drains and waterways.
- If contamination of drains occurs, advise emergency services

SECTION 7: HANDLING AND STORAGE

Safe Handling

- Avoid contact with skin and eyes. Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Store at temperatures between 0°C to 50°C.

Other Information

- Keep out of reach of children.
- Store in original containers.
- Store away from incompatible materials and foodstuff containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters.

Contains no substances with occupational exposure limit values.

Engineering Measures

- Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards
- Keep containers closed when not in use.

Personal Protection

Eye protection

- Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.

Hand & skin protection

- PVA or nitrile gloves recommended. Suitable clothing.



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Respiratory protection

- Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.

Hygiene measures

- Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Blue/Green, Clear Liquid.
Physical state	Liquid
Odour	Slight, sweet.
Odour threshold	No data available.
Specific gravity	0.985 – 1.0
Partition coefficient n-octanol/water	No data available.
Auto-ignition temperature (°C)	No data available.
Flash point (°C)	Not Applicable – does not sustain combustion.
Solubility in water (g/l)	Soluble.
Vapour density	No data available.
pH	6.5 – 7.5

SECTION 10: STABILITY AND REACTIVITY

Reactivity	➤ Stable under recommended storage conditions. See section 7.
Chemical Stability	➤ No decomposition if stored and applied as directed.
Possibility Of Hazardous Reactions	➤ No hazards to be specifically mentioned. See section 7
Conditions To Avoid	➤ None known.
Incompatible Materials	➤ Organic materials
Hazardous Decomposition Products	➤ No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE TOXICITY

Inhaled	➤ Material may be an irritant to mucous membranes and the respiratory tract.
Ingestion	➤ Swallowing may result in nausea, vomiting and irritation of the gastrointestinal tract.



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Skin Contact	➤ Contact with skin may result in irritation. Prolonged or repeated exposure may cause defatting of the skin leading to drying or flaking of skin.
Eye	➤ May be an eye irritant.

CHRONIC TOXICITY

Mutagenicity	➤ No data available.
Carcinogenicity	➤ No data available.
Reproductive Toxicity	➤ No data available.
Specific Target Organ Toxicity (repeat exposure)	➤ No data available.

SECTION 12: ECOLOGICAL INFORMATION

This product has no known ecotoxicological effects.

ecotoxicity	Fish: LC50 1.1-2.5 mg/L. Algae: No data available. Bacteria: No data available. Daphnia: EC50 (48 Hrs): Benzalkonium chloride: Daphnia magna (water flea): 0.016mg/L.
Persistence and degradability	No data available.
Bio accumulative potential	Not expected to accumulate in the soil or water or cause long term problems.
Mobility	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Product / Packaging Disposal	➤ Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility. ➤ Dispose of empty containers at an approved waste handling site for recycling or disposal. ➤ Do not re-use empty containers. ➤ In all cases disposal to sewer of as sold product may be subject to local laws and regulations and these should be considered first. ➤ Where in doubt contact the responsible authority. ➤ Recycle packaging where possible.
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SECTION 14: TRANSPORT INFORMATION

Marine Pollutant	➤ No.
Hazchem	➤ Not Applicable
Road & Rail Transport (ADG)	➤ Not Regulated as a Dangerous Good.
Air Transport (ICAO - IATA / DGR)	➤ Not Regulated as a Dangerous Good
Sea Transport (IMDG-Code /	➤ Not Regulated as a Dangerous Good



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GGVsee):

Transport in Bulk According to Annex II of MARPOL and the IBC Code ➤ Not Applicable

SECTION 15: REGULATORY INFORMATION

ALL COMPONENTS of this material are in compliance with the following regulatory lists: -

- Australia Exposure Standards
- Australia Hazardous Substances Information System - Consolidated Lists
- Australia Inventory of Chemical Substances (AICS)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	Y
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	Not determined
Japan - ISHL	Y
Korea - KECL	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y

*Y = All ingredients are on the inventory
N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)*

SECTION 16: OTHER INFORMATION

This MSDS 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.

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