

SAFETY DATA SHEET

Product Name: *Top Tank Rinse*

Print/View Date: 30/11/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Campmaster Top Tank Rinse
Recommended uses:	Portable Toilet Sanitiser Liquid
Restrictions on Use/Supply	None
Molecular Formula:	Mixture
Supplier:	Amalgamated Hardware Merchants Ltd (AHM)
Street Address:	8 Hautu Drive, Wiri, Manukau, New Zealand
Postal Address:	PO Box 97162, Manukau 2241, New Zealand
Telephone	+64 9 251 1310
Email:	info@ahm.co.nz
Website:	www.ahm.co.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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2. HAZARDS IDENTIFICATION

GHS Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
Eye Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305+P351+P338 P337+P313	No storage statements	P501
Skin Irrit. 2	Not applicable for the Un RTDG Model Regulations		Warning	H315	P103 P264 P280	P302+P352 P321 P332+P313 P362	No storage statements	P501
Aquatic Acute 1			Warning	H400	P103 P273	P391	No storage statements	P501

Signal word: WARNING

Dangerous Goods: Class 9

Packaging Group: III

GHS Codes: Eye Irritation Cat. 2
Skin Irritation Cat. 2
Aquatic Acute Cat. 1

Pictograms:



Hazard Statement: H319: Causes serious eye irritation.

H315: Causes skin irritation

H400: Very toxic to aquatic life.

Precautionary Statements: P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label completely before use.

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P264: Wash exposed skin thoroughly after handling.

P273: Avoid release to the environment

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P321: For specific treatment refer to the first aid section.

P362: Take off contaminated clothing and wash before reuse.

P391: Collect spillage

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Pink coloured liquid

Ingredients

Ingredients	CAS #	Content %
Benzalkonium chloride	8001-54-5	0.9-1.0%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

Ingestion: Drink one or two glasses of milk or water. If you are feeling unwell seek medical advice and have the product label at hand.

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Eye Contact:	Can cause serious eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Skin Contact:	Can cause skin irritation. Wash with plenty of soap and water. If skin irritation persists, seek medical advice.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice, and have the product label at hand.
Advice for Medical Doctors:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

HAZCHEM code:	3Z
Specific Hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.
Hazardous Products of Combustion:	No data for the mixture

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Use personal protective equipment. Ensure adequate ventilation. For personal protection see section 8.
Environmental precautions:	Prevent leakage or spillage if safe to do so.

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Minor Spills (Up to 20 kg):	Environmentally hazardous substance. Contain spill and collect.
Major Spills (more than 20 kg):	Minimise spread. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Collect in an appropriate sealable container for disposal in an approved landfill.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling mist or spray. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking, or smoking. Clean equipment after use. Do not contaminate drains, sewers, or waterways.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children, and animals. Minimum shelf life: 2 years.
Protection against fire and explosion:	Keep away from heat sources although the product has no flammability. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	No exposure standards apply to this product
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Wear disposable gloves while using this product.
Eye protection:	Wear safety goggles while using this product.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	No special requirement when used as recommended.

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General safety and hygiene measures:

Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes, and clothing. Contaminated clothing should be washed before reuse.

Environmental Exposure Controls:

Minimise release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink colour liquid
Odour:	Distinct odour (added fragrance)
Odour Threshold:	No data
pH Value:	No data
Melting/freezing point:	No data
Boiling point (range):	>100°C
Flash Point:	Not applicable
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	No data
Vapour density:	No data
Relative density:	1.000
Solubility:	Soluble in water
Partition coefficient:	No data
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	No data

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
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Chemical/material Incompatibilities	None
Conditions to be avoided:	Avoid excessive heating
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Classes	Eye Irrit. 2; Skin Irrit. 2
Acute Toxicity:	Benzalkonium chloride Acute oral LD ₅₀ = 240 mg/kg (rat).
Aspiration hazard	Unlikely to cause an aspiration hazard.
Skin corrosion/irritation:	Can cause skin irritation.
Serious eye damage/irritation:	Can cause serious eye irritation.
Respiratory or skin sensitisation:	Unlikely to cause skin or respiratory sensitisation
Germ cell mutagenicity:	No data available
Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	Not applicable
Specific organ toxicity – repeated exposure:	Not applicable
Narcotic effects:	No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

Ecological information of substance:	Very toxic to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging.
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Benzalkonium chloride

Rainbow trout, LC₅₀ (96 hr)= 0.823 mg/L

Water Flea, EC₅₀ (48 hr) = 0.11 mg/L

Bioaccumulation potential: This product is not likely to bioaccumulate

Soil Toxicity and degradability: No soil toxicity.

Mobility in soil: No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.

Container Disposal: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.
DO NOT reuse containers. Do NOT burn

Methods of disposal to avoid: Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: 3082

UN Dangerous Goods Class: Class 9

Hazchem Code: 3Z

UN Packaging Group: III

UN Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Benzalkonium chloride 1%)

Segregation: Food and Feed

15. N.Z. REGULATORY INFORMATION

HSNO approval Number: HSR002530

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GHS Classifications:	Eye Irrit. 2; Skin Irrit. 2; Aquatic Acute 1
HSNO Controls:	Refer to HSR002530 – Cleaning Products (Subsidiary Hazard) Group Standard 2020
Other Controls	Stores containing more than 100L should have signage, secondary containment, and emergency response plans.

16. OTHER INFORMATION

SDS date of preparation: 30 / 11 / 2022

SDS date of revision: 30 / 11 / 2027

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Amalgamated Hardware Merchants Ltd (AHM) web site, www.ahm.co.nz, or contact the supplier of the starting materials.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Amalgamated Hardware Merchants Ltd (AHM) to be accurate at the time of writing. It is given in good faith but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Amalgamated Hardware Merchants Ltd (AHM) and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR:	European agreement concerning the international carriage of Dangerous goods by Road
CLP:	Classification Labelling and Packaging
EC:	European Commission
EU:	European Union
GHS:	Global Harmonized System
H Phrase:	Hazard Phrase
HSNO:	Hazardous Substances and New Organisms (1996) Act
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
IMDG:	International Maritime Dangerous Goods
P Phrase:	Precautionary Phrase
RID:	Regulations concerning the International carriage of Dangerous good by rail
STEL:	Short-Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average