SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**AUTOSOL® Stainless Steel Power Cleaner**
Item Code:	
Product Use:	Cleaning Agent
Restriction of Use:	Refer to Section 15
New Zealand Supplier:	Hobeca Trading Co Ltd
Address:	100 Portage Road Otahuhu Auckland, 1062
Telephone:	+64 9 249 0499
Emergency No:	0800 764 766 (National Poison Centre)
Date of SDS Preparation:	16 July 2025

Section 2. Hazards Identification

The manufacturer has stated that this substance is NOT hazardous according to the criteria of SWA so is therefore not hazardous according to NZ EPA Hazardous Substances (Classification) Notice 2017.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	1-10	68891-38-3
2-(2-butoxyethoxy) ethanol	<1	112-34-5
Other non hazardous ingredients	To bal	Proprietary

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	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.
If on Skin	Rinse with soap and water. Seek medical attention if needed.
If Swallowed	If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed
Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable/combustible.
Hazards from products	None known.
Suitable Extinguishing media	CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Do not use full water jet.
Precautions for firefighters and special protective clothing	Wear self-contained respiratory protective device. Cool endangered receptacles with water spray.
HAZCHEM CODE	**None allocated.**

Section 6. Accidental Release Measures

For emergency responders:
Wear protective equipment as per Section 8. Keep unprotected persons away.

Environmental precautions:
Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Place into a container for disposal. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:
- Read label before use.
- Keep ignition sources away - Do not smoke.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:
- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Keep container tightly sealed.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

		TWA		STEL	
Substance	**Cas No**	**ppm**	**mg/m³**	**ppm**	**mg/m³**

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15TH EDITION.

Engineering Controls
No special measures.

Personal Protection Equipment:

Eyes	Goggles recommended during refilling.
Hands and Skin	Rubber gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Recommended thickness of the material: ≥ 0.5 mm For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes.
Respiratory	Not necessary if room is well-ventilated.
General	Do not eat, drink, smoke or sniff while working.The usual precautionary measures are to be adhered to when handling chemicals. Wash hands before breaks and at the end of work.

Section 9 Physical and Chemical Properties

Appearance	Colourless Liquid
Odour	Charateristic
Odour Threshold	Not available
pH	8.5 @ 20°C
Boiling Point	>100°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	75°C
Flammability	Non-Flammable
Upper and Lower Exposure Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	1.01 g/cm^3
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available
Particle Characteristics	Not available
% Volatiles	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No decomposition if used according to specifications.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.

Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	>2000 mg/kg (rat)	-	-
112-34-5 2-(2-butoxyethoxy)ethanol	5660 mg/kg (rat)	4000 mg/kg (rabbit)	-

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	The contained surfactants are easily biodegradable.
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Precautions: None known.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020

Section 15 Regulatory Information

The manufacturer has stated that this substance is NOT hazardous according to the criteria of SWA so is therefore not hazardous according to NZ EPA Hazardous Substances (Classification) Notice 2017.

Section 16 Other Information

Glossary

EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.

LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, if further information is required.

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