



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **AUTOSOL® Car Shampoo**
Item Code:
Product Use: Car cleaning preparation
Restriction of Use: Refer to Section 15

New Zealand Supplier: Hobeca Trading Co Ltd
Address: 25 Andrew Baxter Drive
Auckland, 2022
New Zealand

Telephone: +64 9 249 0499
Emergency No: 0800 764 766 (National Poison Centre)

Manufacturer: Dursol-Fabrik Otto Durst GmbH & Co. KG
Martinstr. 22
42655 SOLINGEN
Germany
Telephone: +49 (0)212 - 2718-0

Date of SDS Preparation: 13 July 2020

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.
Sodium Alpha Olefin Sulfonate	1-10	68439-57-6
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	1-10	68891-38-3
Other non-hazardous ingredients	To 100	Proprietary

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for several minutes. 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:

Swallowed: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Inhaled: Not applicable.

Skin: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Eye: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable/combustible. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
Hazards from products	Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product are not expected to be hazardous or harmful.
Suitable Extinguishing media	Use extinguishing media suited to burning materials.
Precautions for firefighters and special protective clothing	If a significant quantity of this product is involved in a fire, call the fire brigade.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Keep exposure to this product to a minimum, and minimise the quantities kept in work areas.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Some liquid preparations settle or separate on standing and may require stirring before use.
- Make sure that containers of this product are kept tightly closed.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	Cas No	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³

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 NOV 2019 11TH EDITION.

Engineering Controls

No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

Personal Protection Equipment:

Eyes	Eye protection is not normally necessary when this product is being used.
Hands and Skin	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely. We suggest that protective clothing be made from the following materials: rubber, PVC.
Respiratory	Usually, no respirator is necessary when using this product.
General	Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 Physical and Chemical Properties

Appearance	Orange coloured liquid
Odour	Characteristic fruity odour
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	Approximately 100°C at 100kPa
Melting Point	Approximately 0°C.
Freezing Point	Approximately 0°C.
Flash Point	Not applicable
Flammability	Non Flammable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	2.37 kPa at 20°C (water vapour pressure).
Vapour Density	As for water
Specific Gravity	1.005
Water Solubility	Completely soluble in water.
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable - does not burn.
Decomposition Temperature	Not applicable
Viscosity	Not applicable
Particle Characteristics	Not applicable
% Volatiles	Water component
Evaporation Rate	As for water

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage and handling conditions.
Conditions to Avoid	Keep containers tightly closed.
Incompatible Materials	None known.
Hazardous Decomposition Products	Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Most will have a foul odour. Sodium compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

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.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	This product is biodegradable.
Bioaccumulation	No data available
Mobility in Soil	It will not accumulate in the soil or water or cause long term problems.
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 5433:2012

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 Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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

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