

HOBECA

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **AUTOSOL® Power Aluminium Cleaner**
Item Code:
Product Use: Detergent for aluminium surfaces.
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

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: Cleaning Products (Subsidiary) – HSR002530

Pictograms



Irritant

Signal Word: Warning

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.4A	H320	Causes eye irritation.	Eye Irrit. 2B

Prevention Code	Prevention Statement
P103	Read label before use.
P264	Wash hands thoroughly after handling.

Response Code	Response Statement
---------------	--------------------

P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Triple rinse container before disposal or crush or puncture to prevent reuse.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Linear C12-14-alkanol, ethoxylated, sulfated, sodium salt	10-20	68891-38-3
Dipropylene glycol methyl ether	10-20	34590-94-8
Amines, coco alkyldimethyl, N-oxides	1-5	61788-90-7
2-(2-butoxyethoxy) ethanol	1-5	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:

Swallowed: Not applicable.

Inhaled: Not applicable.

Skin: Not applicable.

Eye: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids.
Hazards from products	Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
Suitable Extinguishing	Suitable extinguishing media are carbon dioxide, dry chemical, foam, water fog.

media	
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.
- Wash hands thoroughly after handling.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store packages of this product in a cool place.
- 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
Dipropylene glycol methyl ether (skin)	[34590-94-8]	100	606	150	909

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 dusts are minimised.

Personal Protection Equipment:



Eyes	Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where 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.
Respiratory	Usually, no respirator is necessary when using this product.
General	Eyebaths or eyewash stations should be provided near to where this product is being used.

Section 9 Physical and Chemical Properties

Appearance	Colourless Liquid
Odour	Charateristic
Odour Threshold	Not applicable
pH	8.5 (as supplied); 8.4 (10% solution).
Boiling Point	>100°C at 100kPa
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	>100°C
Flammability	Non Flammable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Gravity	1.010
Water Solubility	Soluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	Approx 10mm ² /s (DIN 53211)
Particle Characteristics	Not applicable
% Volatiles	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage and handling conditions.
Conditions to Avoid	This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed.
Incompatible Materials	None known.
Hazardous Decomposition Products	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. 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	Causes eye irritation.
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

EPA Approval No: Cleaning Products (Subsidiary) – HSR002530

HSNO Classification: 6.4A

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	Only use for the intended purpose.

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

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

The information herein is given in good faith, but no warranty, express or implied is made.

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

Issue Date: 13 July 2020 Review Date: 13 July 2025