

HOBECA

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **AUTOSOL® Stainless Steel Polish**
Item Code:
Product Use: Polishing agent/ Burnishing compound
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: 24 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
6.3A	H315	Causes skin irritation.	Skin Irrit. 2
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A
9.1C	H412	Harmful to aquatic life with long lasting effects.	Aquatic Chronic 3

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

P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
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.
Naphtha (petroleum), hydrotreated light	10 - 25	64742-49-0
Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclenes, Aromatics (2-25%)	1 - 10	EC No: 919-164-8
2-diethylaminoethanol	1 - 10	100-37-8
Ethanol	1 - 10	64-17-5
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	Take off contaminated clothing and wash before re-use. Rinse with soap and water. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	If product is swallowed or gets in mouth, wash mouth with water. Never give anything to an unconscious person. Seek medical attention if needed.
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:	Causes skin irritation.
Eye:	Causes serious eye irritation.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable.
Hazards from products	None known.

Suitable Extinguishing media	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Do not use water with full jet.
Precautions for firefighters and special protective clothing	No special measures required. Cool endangered receptacles with water spray.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Wear PPE as detailed in Section 8.

Do not allow product to reach sewage system or any water course.
 Inform respective authorities in case of seepage into water course or sewage system.
 Do not allow to enter sewers/ surface or ground water.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose according to Section 8.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- 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
Ethanol (Ethyl alcohol)	[64-17-5]	1,000	1,880	-	-
2-Diethylaminoethanol (skin)	[100-37-8]	10	48	-	-

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

Ensure adequate ventilation is available.

Personal Protection Equipment:



Eyes	Protective glasses or goggles should be worn when this product is being used.
Hands and Skin	Wear protective gloves i.e. Natural rubber with a 0.5mm thickness recommended. For the mixture of chemicals mentioned below the

	penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).
Respiratory	Use suitable respiratory protective device when high concentrations are present. Filter A/P2
General	The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Section 9 Physical and Chemical Properties

Appearance	Pasty white
Odour	Characteristic
Odour Threshold	Not applicable
pH @ 20°C	9.2
Boiling Point	90°C
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not applicable
Flammability	Non Flammable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Density @ 20°C	1.04 g/cm ³
Water Solubility	Not miscible or difficult to mix.
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Product is not self igniting.
Decomposition Temperature	Not applicable
Viscosity Kinematic @ 40°C	>21 mm ² /s
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	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	No dangerous decomposition products known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes eye irritation.
Skin	Causes skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive	Not applicable.

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

Acute Toxicity for Individual components:

LD/LC50 values relevant for classification:		
64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	2800 mg/kg (rabbit)
Inhalation	LC50 (4 h)	>23.3 mg/l (rat)
Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclenes, Aromatics (2-25%)		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2920 mg/kg (rabbit)
Inhalation	LC50 (4 h)	>13.1 mg/l (rat)
100-37-8 2-diethylaminoethanol		
Oral	LD50	1300 mg/kg (rat)
Inhalation	LC50 (4 h)	5 mg/l (mouse)
64-17-5 ethanol		
Oral	LD50	7060 mg/kg (rat)
Inhalation	LC50 (4 h)	20000 mg/l (rat)

Section 12. Ecotoxicological Information

HSNO Classes: 9.1C = Harmful to aquatic life with long lasting effects.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Section 13. Disposal Considerations

Disposal Method: Triple Rinse and dispose of according to local regulations.

Precautions: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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: 6.3A, 6.4A, 9.1C

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	1000kg (9.1C)
Emergency Response Plan	1000kg (9.1C)
Secondary Containment	1000kg (9.1C)
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: 24 July 2020 Review Date: 24 July 2025