



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **AUTOSOL® Liquid Metal Polish**
Item Code:
Product Use: Liquid Metal Polish
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
Fax: +49 (0)212 - 208795

Date of SDS Preparation: 18 January 2023

Section 2. Hazards Identification

The manufacturer has stated that this product is not classified as hazardous according to the criteria of SWA (Australia), therefore is NOT classified as hazardous according to the EPA Hazardous Substances (Classification) Notice 2017.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Liquid hydrocarbon	5-15	64742-48-9
Non-hazardous ingredients	Proprietary	Proprietary
Water	To 100%	7732-18-8

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

If on Skin Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

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
Hazards from combustion products	The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fires involving significant quantities of aromatic hydrocarbons often generate large clouds of black smoke. The smoke and other pyrolysis products may be toxic. 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 may be toxic if inhaled. Take appropriate protective measures
Suitable Extinguishing media	Suitable extinguishing media are carbon dioxide, dry chemical, foam.
Precautions for firefighters and special protective clothing	If a significant quantity of this product is involved in a fire, call the fire brigade. Wear full protective gear.
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:

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Precautions for Storage:

Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance**TWA**
ppm mg/m³**STEL**
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 APRIL 2022 13TH 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 mist are minimised.

Personal Protection Equipment

Eyes	Eye protection such as protective glasses or goggles is recommended when this product is being used.
Hands and Skin	Avoid contact even with mild skin irritants. Wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.
Respiratory	Usually, no respirator is necessary when using this product.

Section 9 Physical and Chemical Properties

Appearance	White viscous liquid emulsion.
Odour	Mild odour.
Odour Threshold	Not applicable
pH	7.5 (1g/L in water)
Boiling Point	Approximately 100°C at 100kPa.
Melting Point	Not available
Freezing Point	Below 0°C
Flash Point	Not less than 100°C
Flammability	Not applicable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	2.37 kPa at 20°C (water vapour pressure).
Vapour Density	Not applicable
Specific Gravity	1.09 at 20°C
Solubilities	Some, but not all ingredients are soluble.
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable
Volatiles	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	None known.
Incompatible Materials	No particular Incompatibilities.
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. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
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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 known to be a hazard to the environment.

Persistence and degradability	No data available
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.

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 product is **NOT** classified as hazardous according to the 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

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 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

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

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