DEKS

Technical Documents

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DEKS Tap Lubricant

Technical Data Sheet (TDS)

Product Description: DEKS Tap Lubricant is an exceptional solution for removing threaded metal pipes and joints. It provides a suitable lubricant solution to ease the hard-held fixings and ensure no corrosion occurs on the fittings. The product is resistant to high temperatures and is suitable for drinking potable water. The Tap Lubricant is ideal for rubber and synthetic O-rings and washers to prevent corrosion and extend the service life of taps and valve stems. The Lubricant has a unique feature that can be used on hot and cold-water systems and sewage lines. The tap lubricant can be subjected to a temperature of around 10c to 40 C.

This product has been formulated as a lubricant for loosening complex fittings that cannot be removed by hand. Deks Tap Lubricant is the perfect solution for your hardened fittings, whether you're working on automotive parts, plumbing threaded parts, or any other industrial threaded joints. The Tap Lubricant is also a certified Watermark Product.

So, if you are searching for a quick and easy solution for removing your rusted hard fixed taps or threaded fittings, look no further than Deks Tap Lubricant. This product is appliable to ease the fittings and threaded joints for your tap fixtures and hard-held fittings.

The Tap Lubricant must be stored at a temperature of 23°C.

Tap Lubricant TL75:

- A quick solution for solving hard-turning taps.
- Suitable to be used on various applications such as spindle threads, hinge locks, and handless garden sprinklers.
- The split lid makes It helpful for quickly dispensing the liquid flow.
- A unique finger spinner patented product for easing out hard-turning taps and fittings.
- Suitable to be used on threaded fittings and jointing materials.

Technical Specifications:

- ✓ The Tap Lubricant has an operating temperature of around -50°C - 150°C.
- ✓ Application temperature ranges from 10°C to 40°.
- ✓ Certified by Watermark Australia.
- ✓ Evaluated according to WMTS-014:2016
- ✓ The product is not applicable to be used on any pressured surfaces.

Directions to use: Apply adequate lubricant to the required region and stiff tap handles, wipe off any excess amount, and try reassembling the fittings.

PART NUMBER	DISPLAY NAME	MATERIAL
TL75	Tap Lubricant 75ml	SILICONE GREASE / SILICONE

SAFETY DATA SHEET

Section 1. Identification

Product Identifier: **Tap Lubricant 662**

Other means of identification: Proper Shipping name: Tap Lubricant 75 ml

Product code: TL75

Recommended use of the chemical and restrictions on use:

Lubricant for tap threads

Details of manufacturer or importer:

Deks Industries PTY Ltd
2 Logis Blvd, Dandenong South
VIC 3175. Australia
Telephone Number: +61 3 8727 8800

Emergency Telephone number:

During business hours: +61 3 87278800
After hours: Please contact the POISON CENTER (131 126) or a doctor/physician

Section 2: Hazards Identification

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS CHEMICAL.

Other Hazards:
No data available

Poisons Schedule (SUSMP): None allocated.

Signal Word: Not applicable

Hazard Statements: Not applicable

Precautionary statements: Not applicable

General:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of Children.

P103 Read label before use.

Prevention: Not applicable

Response: Not applicable

Storage:

Store in a well-ventilated place. Keep container tightly closed.

Other hazards:

None

Hazard Symbols: Not applicable

Section 3. Composition and information on ingredients

Chemical Identity	Synonym	CAS Number	Proportions (%w/w)
Non-Hazardous ingredients (materials)	-	-	To 100%

Section 4. First aid measures

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Have the product label or SDS with you when calling or going for treatment.

Ingestion: If swallowed, do NOT induce vomiting: rinse mouth thoroughly with water and contact Poisons Information Centre. or if swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

Skin Contact: No hazard expected under normal use. If irritation occurs seek medical attention.

Inhalation: No hazard expected under normal use. Remove to fresh air if symptoms occur. Seek medical attention if symptoms persist.

Symptoms caused by exposure: No data available

Medical attention and special treatment: No special measures required. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5. Firefighting measures

Suitable extinguishing equipment:

For fires in area use appropriate media, i.e. dry chemical, carbon dioxide, water fog, alcohol foam.

Specific Hazards arising from the chemical:

Will not burn. No special instruction available.

Special protective equipment and precautions for firefighters:

Use fire-fighting methods appropriated for surrounding materials

Hazchem Code: Not applicable

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Follow personal protective equipment recommendations found in Section 8.

Environmental precautions:

Avoid direct discharge to sewers and surface waters in large amounts. Notify authorities if entry occurs.

Methods and materials for containment and cleaning up:

Soak up residue with inert absorbent material. Place in non-leaking containers for disposal. Flush remaining residue in area with water and dispose of properly.

Section 7. Handling and storage

Precautions for safe handling:

Avoid eye contact. Do not swallow. Do not eat, drink or smoke in work area. Avoid breathing mists or dusts.

Conditions for safe storage, including any incompatibilities:

Store in dry ventilated areas.

Section 8. Exposure controls and personal protection

For this product, no exposure standard assigned for this specific material by Safe Work Australia.

Note: As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.
TWA - The time-weighted average airborne concentration of a substance when calculated over an eight-hour working day, for a five-day working week.
These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as clear defining points between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls:

None expected to be needed under normal use. Use local exhaust ventilation if in confined spaces. Avoid creating mist.

Individual protection measures, for example personal protective equipment (PPE):

Eye and face protection

None needed under normal use. Safety glasses or goggles recommended if eye contact is eminent.

Skin protection

Material is not considered a skin contact hazard.

Respiratory protection

None required under normal use.

Thermal hazards

No data available

Other information.

Wash with soap and water before mealtimes and at the end of a work period.

Reference standards for (PPE).
Respiratory protection: AS/NZS 1715 and AS/NZS 1716.
Gloves: AS/NZS 2161.1.
Eye protection: AS/NZS 1336 and AS/NZS 1337

Section 9. Physical and chemical properties

Appearance: Clear pasty liquid.
Odour: Characteristic.
Odour threshold:
pH: Data is not available.
Melting point/freezing point: Liquid at ambient conditions.

Boiling point and boiling range: > 66°C.
Flash point: 101°C.
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower flammability or explosive limits: Not flammable.
Vapour pressure: No data available.
Vapour density: <1 (Air = 1).
Relative density: 1.06375 g/cm^3@25 ^{0}C (Water=1).
Solubility: Not soluble or difficult to mix in water.
Partition coefficient: n-octanol/water: No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

Other physical/chemical parameters

Specific heat value: No data available.
Saturated vapour concentration: No data available.
Release of invisible flammable vapours and gases: Not flammable
Particle size (average and range): No data available.
Size distribution: No data available.
Shape and aspect ratio: No data available.
Crystallinity: No data available.
Dustiness: No data available.
Surface area: No data available.
Degree of aggregation or agglomeration, and dispersibility: No data available.
Redox potential: No data available.
Biodurability or biopersistence: No data available.
Surface coating or chemistry: No data available.

Section 10. Stability and reactivity

Reactivity: Stable under normal conditions.
Chemical stability: Chemically stable under normal conditions.
Possibility of hazardous reactions: None known.
Conditions to avoid: Heat and sources of ignition. Store above 0 ^{o}C
Incompatible materials: No data available.
Hazardous decomposition products: No data available.

Section 11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected, however large amounts may cause nausea and

vomiting.
Eye contact: Exposure to the liquid may cause discomfort and physical irritation to the eyes.
Skin contact: Contact with skin may result in irritation.
Inhalation: No data available.
Acute toxicity: No LD50 data available for this product mixture.
Acute toxicity - Oral – No data available
Acute toxicity - dermal – No data available

Respiratory or skin sensitisation: No data available.
Chronic effects: No data available.
Aspiration hazard: No data available.

Other information

No data available

Section 12. Ecological Information

Ecotoxicity: Avoid contaminating waterways.

Persistence/degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No information available (environmental fate, ozone depletion, photochemical ozone creation potential, endocrine-disruption potential and global warming potential.)

Section 13. Disposal consideration

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional national and international Regulations.

Section 14. Transport Information

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail. (ADG Code).

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material under the IMDG Code is Not classified as a Marine Pollutant (P).

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Section 15. Regulatory information

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL).

This material/constituent(s) is covered by the following requirements:

- the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act 1989 (Cwlth) (as amended).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

Section 16. Other Information

Date of preparation: 18/03/2022
Reason for re-issue: Full review 18/06/2024
Prepared by ChemVit Consulting Pty Ltd

Source of data

This SDS has been prepared in accordance the Safe Work Australia Preparation of safety data sheets for hazardous chemicals Code of Practice prepared under the Work Health and Safety Act and Work Health and Safety Regulations.
Code of Practice: Labelling of workplace hazardous chemicals
'Standard for the Uniform Scheduling of Medicines and Poisons No'

Hazard Classification

Australian Inventory of Chemical Substances (AICS) (NICNAS)
Chemical Assessment Reports (NICNAS)
Workplace Exposure Standards for Airborne Contaminants
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
(United Nations) Global Portal to Information on Chemical Substances (OECD).
OECD means the Organisation for Economic Cooperation and Development.
Hazardous Chemical Information System
European Chemicals Agency (ECHA)

Other references

National Road Transport Commission, Australian Code for the Transport of Dangerous Goods by Road and Rail, Edition 7.8, 2022.
Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.
Australian and New Zealand Emergency Response Guidebook 2021

Key abbreviations or acronyms used

< Less Than. > Greater Than. AICS Australian Inventory of Chemical Substances. atm Atmosphere. CAS Chemical Abstracts Service (Registry Number). cm^2 Square Centimetres. deg C (°C) Degrees Celsius. g Grams g/cm^3 Grams per Cubic Centimetre. g/l Grams per Litre. IDLH Immediately Dangerous to Life and Health. LC50 LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period, usually 1 or 4 hours.	LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals. NIOSH National Institute for Occupational Safety and Health. NOHSC National Occupational Health and Safety Commission. OECD Organisation for Economic Co-operation and Development. ppb Parts per Billion. ppm Parts per Million. psi Pounds per Square Inch. STEL Short Term Exposure Limit. TLV Threshold Limit Value. TWA Time Weighted Average. UN United Nations.

Disclaimer

This Safety Data Sheet was prepared in good faith from the best information available at that time of issue and is based on the present state of our knowledge and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. Deks Industries Pty Ltd and its Affiliates or Agents shall not be held liable or responsible for any damage or unauthorised use of this information or from contact with this product.
In all cases please ensure you have the current version. The user is cautioned to make their own determinations as to the suitability of the information provided to the circumstances in which the product is used

END OF SDS

IAPMO OCEANIA

7-11 Fullard Road, Narre Warren, Victoria 3805, Australia /info@iapmooceania.org

www.jas-anz.org/register

IAPMO Oceania is a product certification body which inspects and arranges for the independent laboratory testing of samples taken from the manufacturer's stock or from the market or a combination of both, to verify compliance of the requirements of applicable Standards and Specifications. This activity is coupled with periodic surveillance of the manufacturer's factory and any major subcontractor's site/s as well as the assessment of the manufacturer's Quality Assurance System. This certification is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO R&T Oceana of the product acceptance by Authorities Having Jurisdiction.

CERTIFICATE OF CONFORMITY

IAPMO Oceania hereby grants to:

Deks Industries Pty Ltd

A.B.N.: 77 107 135 544

2 Logis Boulevard, Dandenong South, VIC 3175 Australia

Email: aditya.katepally@deks.com.au

the right to use the WaterMark in accordance with the ABCB Manual for the WaterMark Certification Scheme;– Australian Standards; WaterMark Technical Specifications; and the Plumbing Code of Australia; only in respect of the certified product as described in the WaterMark Certificate of Conformity – Schedule of Certified Product (Refer also IAPMO Product Listing Directory). The Certificate is granted subject to the rules governing the WaterMark Certification Scheme and the Terms and Conditions of the Approved User Agreement and IAPMO Oceania's WaterMark Governance Rules.

Evaluated to:

WMTS-014:2016

Jointing materials

Manufacturer:

Refer to Licence Holder

Licence No.:	WM-022811	**First Certified:**	09 Jan 2019
Certification Date:	09 Jan 2024	**Expiry Date:**	08 Jan 2029

David Viola

Chief Executive Officer of the IAPMO Group

This WaterMark certification is for the period indicated herein and is void after the date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of IAPMO Oceania, or any evidence of non-compliance with applicable Standards, Specifications or of inferior workmanship, may be deemed sufficient cause for revocation of this certification. Reproduction of or reference to this certificate for advertising purposes may be made only by specific written permission of IAPMO Oceania. Any alteration of this certificate could be grounds for revocation of this certification.

"This certificate is issued by a JAS-ANZ accredited Conformity Assessment Body. The ABCB and JAS-ANZ do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate."

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