



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2


Revision: 31.05.2022

1 Identification

- **Product identifier**
- **Trade name:** Slide Laquer
- **Article number:** 1899900-01
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Lubricant
- **Details of the supplier of the safety data sheet**
- **Supplier:**
Alfa Laval Technologies AB
SE-221 00 Lund
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+46 46 36 65 00
info.se@alfalaval.com

Australian supplier:
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Visit: 14 Healey Circuit, - NSW - NSW-2148 Huntingwood
Tel switchboard: +61 2 8822 2700 - Fax switchboard: +61 2 8822 2799
www.alfalaval.com.au
australia.info@alfalaval.com
- **Further information obtainable from:**
For further questions regarding the safety data sheet, please contact your local Alfa Laval Sales Company which you find at www.alfalaval.com or in section 16 "Other Information" in the end of the safety data sheet
- **Emergency telephone number:**
Call 000 or 112 and ask for poison information.
Australian Poisons Information Centre Tel:13 11 26

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Eye Dam. 1 H318 Causes serious eye damage.
- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

- **Signal word** Danger
- **Hazard-determining components of labelling:**
calcium dihydroxide
- **Hazard statements**
H318 Causes serious eye damage.

(Contd. on page 2)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 1)

Precautionary statements

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Other hazards Prolonged and/or repeated skin contact may cause irritation.**Results of PBT and vPvB assessment****PBT:** The product is not, nor contains, a substance that is, PBT.**vPvB:** The product is not, nor contains a substance that is, vPvB.

3 Composition and Information on Ingredients

Chemical characterisation: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 8042-47-5	White mineral oil, petroleum	30-60%
CAS: 1317-33-5	molybdenum disulphide	15-30%
CAS: 1305-62-0	calcium dihydroxide	15-25%
	Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 7782-42-5	Graphite	5-15%

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

Description of first aid measures**After inhalation:** Supply fresh air; consult doctor if symptoms persist.**After skin contact:**

Take off immediately all contaminated clothing.

Immediately wash with water and soap and rinse thoroughly.

If symptoms persist consult a doctor.

After eye contact:

Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a doctor immediately.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

Prolonged and/or repeated skin contact may cause irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Fire Fighting Measures

Extinguishing media**Suitable extinguishing agents:**

Foam

(Contd. on page 3)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 2)

Fire-extinguishing powder

Water haze

Carbon dioxide

- **For safety reasons unsuitable extinguishing agents:** Not applicable.

- **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Metal oxides

Sulphur oxides (SO_x)

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

- **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Cool endangered receptacles with water spray.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product.

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Send for recovery or disposal in suitable receptacles.

- **Methods and material for containment and cleaning up:**

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**

- **Precautions for safe handling**

Ensure adequate ventilation

Avoid contact with skin and eyes.

Eye wash bottle or emergency eye wash fountain must be found in the work place.

When using do not eat, drink or smoke.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

- **Information about storage in one common storage facility:** Store away from oxidising agents.

- **Specific end use(s)**

Grease

(Contd. on page 4)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

Professional use only.

(Contd. of page 3)

8 Exposure controls and personal protection

- Additional information about design of technical facilities:**

Use only in well-ventilated areas.

Eye wash bottle or emergency eye wash fountain must be found in the work place.

- Control parameters**

- Ingredients with limit values that require monitoring at the workplace:**

CAS: 8042-47-5 White mineral oil, petroleum

WES	Long-term value: 5 mg/m ³ Oil mist, inhalable aerosol
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CAS: 1317-33-5 molybdenum disulphide

WES	Long-term value: 10 mg/m ³ as Mo
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CAS: 1305-62-0 calcium dihydroxide

WES	Long-term value: 5 mg/m ³
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CAS: 7782-42-5 Graphite

WES	Long-term value: 3 mg/m ³
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- DNELs**

CAS: 8042-47-5 White mineral oil, petroleum

Dermal	DNEL - Long term, Systemic effects	220 mg/kg bw/day
Inhalative	DNEL - Long term, Systemic effects	120 mg/m ³

CAS: 1305-62-0 calcium dihydroxide

Inhalative	DNEL - Acute, Local effects	4 mg/m ³ (Worker)
	DNEL - Long term, Systemic effects	1 mg/m ³ (Worker)

CAS: 7782-42-5 Graphite

Oral	DNEL - Long term, Systemic effects	813 mg/kg bw/day (Consumer)
Inhalative	DNEL - Long term, Local effects	0.3 mg/m ³ (Consumer)
		1.2 mg/m ³ (Worker)

- PNECs**

CAS: 1305-62-0 calcium dihydroxide

PNEC	0.49 mg/L (Freshwater) (Extrapolation)
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- Additional information:** The lists valid during the making were used as basis.

- Exposure controls**

- Personal protective equipment:**

- General protective and hygienic measures:**

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.

- Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment.

Filter A

(Contd. on page 5)

—AU—

Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 4)

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Butyl rubber, BR

Chloroprene rubber, CR

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Eye protection:



Tightly sealed goggles

· **Body protection:** Wear protective clothing.

· **Limitation and supervision of exposure into the environment**

Do not allow to enter sewers/ surface or ground water.

9 Physical and Chemical Properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:

Paste

Colour:

Black

· **Odour:**

Weak, characteristic

· **Odour threshold:**

Not determined.

· **pH-value:**

Not determined.

· Change in condition

Melting point/freezing point:

Undetermined.

Initial boiling point and boiling range: Undetermined.

· **Flash point:**

>200 °C

· **Flammability (solid, gas):**

Not applicable.

· **Decomposition temperature:**

Not determined.

· **Auto-ignition temperature:**

Product is not selfigniting.

· **Explosive properties:**

Product does not present an explosion hazard.

(Contd. on page 6)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 5)

· Explosion limits:	
Lower:	Not applicable.
Upper:	Not applicable.
· Oxidising properties	Not applicable.
· Vapour pressure:	Not determined.
· Density at 20 °C:	1.4 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not determined.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
· Other information	No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
Stable under normal temperature conditions and under recommended usage and storage.
- **Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **Conditions to avoid** High temperature
- **Incompatible materials:** Store away from oxidising agents.
- **Hazardous decomposition products:** Formaldehyde

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

LD/LC50 values relevant for classification:

Oral	LD50	>5,000 mg/kg (Rat)
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CAS: 8042-47-5 White mineral oil, petroleum

Dermal	LD50	>2,000 mg/kg (Rabbit)
Inhalative	LC50 (4 h)	>5 mg/L (Rat)

CAS: 1317-33-5 molybdenum disulphide

Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
Inhalative	LC50 (4 h)	>2.82 mg/L (Rat)

(Contd. on page 7)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 6)

CAS: 1305-62-0 calcium dihydroxide

Oral	LD50	>2,000 mg/kg (Rat) (OECD Test 425)
Dermal	LD50	>2,500 mg/kg (Rabbit) (OECD Test 402)

CAS: 7782-42-5 Graphite

Oral	LD50	>2,000 mg/kg (Rat) (OECD Test 401)
Inhalative	LC50 (4 h)	>2 mg/L (Rat) (OECD Test 403)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Prolonged and / or repeated skin contact may cause irritation.
- **Serious eye damage/irritation**
Strong irritant with the danger of severe eye injury.
Irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

12 Ecological Information

· **Toxicity**· **Aquatic toxicity:****CAS: 8042-47-5 White mineral oil, petroleum**

LC50	>100 mg/L (Salmon trout) (OECD Test 203)
EC50	>100 mg/L (Daphnia) (OECD TG 202)
NOEC - No observed effect concentration	100 mg/l (Algae) (OECD TG 201)
	1 mg/l (Daphnia)
	1 mg/l (Fish)

CAS: 1317-33-5 molybdenum disulphide

LC50 (96 h)	>100 mg/L (Fish)
EC50	>100 mg/L (Daphnia)
EC50 (72 h)	>100 mg/L (Algae)
NOEC - No observed effect concentration	>10 mg/l (Daphnia)
	>10 mg/l (Fish)

CAS: 1305-62-0 calcium dihydroxide

LC50 (96 h)	50.6 mg/L (Fish)
EC50 (48 h)	49.1 mg/L (Daphnia) (OECD Test 202)
EC50 (72 h)	184.57 mg/L (Algae) (OECD Test 201)
NOEC - No observed effect concentration	32 mg/l (Daphnia)

CAS: 7782-42-5 Graphite

LC50 (96 h)	>100 mg/L (Fish) (OECD Test 203)
EC50	>100 mg/L (Daphnia) (OECD Test 202)
EC50 (72 h)	>100 mg/L (Algae) (OECD Test 201)

(Contd. on page 8)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 7)

· Persistence and degradability**CAS: 8042-47-5 White mineral oil, petroleum**

Biodegradability 0-24 %

· Behaviour in environmental systems:**· Bioaccumulative potential****CAS: 8042-47-5 White mineral oil, petroleum**

Bioconcentration factor 1,900 (Fish)

· Mobility in soil The product is not expected to be mobile in soil.**· Results of PBT and vPvB assessment****· PBT:** The product is not, nor contains, a substance that is, PBT.**· vPvB:** The product is not, nor contains a substance that is, vPvB.**· Other adverse effects** No further relevant information available.

13 Disposal considerations

· Waste treatment methods**· Recommendation**

Hand over to hazardous waste disposers.

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

· Uncleaned packaging:**· Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

· UN-Number The product is not classified as dangerous goods.
· ADG, IMDG, IATA Not regulated**· UN proper shipping name** Not relevant.
· ADG Not regulated
· IMDG, IATA Not regulated**· Transport hazard class(es)** The product is not classified as dangerous goods.
· ADG, ADN, IMDG, IATA
· Class Not regulated**· Packing group** Not applicable.
· ADG, IMDG, IATA Not regulated**· Environmental hazards:** Not applicable.**· Special precautions for user** Not applicable.**· Transport in bulk according to Annex II of
Marpol and the IBC Code** Not applicable.

(Contd. on page 9)

AU

Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 8)

UN "Model Regulation":	Not regulated
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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

· **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



· **Signal word** Danger

· **Hazard-determining components of labelling:**

calcium dihydroxide

· **Hazard statements**

H318 Causes serious eye damage.

· **Precautionary statements**

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

LIMITATION OF LIABILITY

This document is only intended to be used as guidance as regards the risks of which we are aware that are associated with the product. Every individual who works with the product or in close proximity of it must receive suitable training. Individuals who come into contact with the product must be capable of using their own judgement as regards conditions or methods for handling, storing and using the product. Alfa Laval is not liable for demands, losses or damage of any kind that arise from flaws or deficiencies in this document or from using, handling, storing or disposing of the product unless it can be proven that Alfa Laval has acted in a grossly negligent manner. Beyond what has been agreed upon and specified in writing with Alfa Laval in the individual case, Alfa Laval makes no promises or assumes any liability, including but not limited to implicit

(Contd. on page 10)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 9)

guarantees regarding marketability or appropriateness in terms of both the information provided in this document and the product to which the information refers.

Please contact your local Alfa Laval Sales Company for further questions.

www.alfalaval.com

· **Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

· **Classification according to Regulation (EC) No 1272/2008** Bridging principles

· **Department issuing SDS:** Alfa Laval Corporate Standards & Regulatory Operations

· **Contact:**

Please contact your local Alfa Laval Sales Company for further questions.

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(Contd. on page 11)



Safety Data Sheet according to WHS Regulations

Printing date 31.05.2022

Version number 2

Revision: 31.05.2022

Trade name: Slide Laquer

(Contd. of page 10)

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Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* **Data compared to the previous version altered.**

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