



Safety Data Sheet according to WHS Regulations

Printing date 24.05.2022

Version number 3

Revision: 24.05.2022

1 Identification

- **Product identifier**
- **Trade name: Paste P1900FM**
- **Article number:** 53708607
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Grease
- **Details of the supplier of the safety data sheet**
- **Supplier:**
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+46 46 36 65 00
info.se@alfalaval.com

Australian supplier:
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NSW - NSW-2148 Blacktown
Australia
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**
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **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.

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· Dangerous components:

CAS: 8042-47-5	White mineral oil, petroleum	50-100%
CAS: 1314-13-2	zinc oxide	1-<2.5%
CAS: 54326-11-3	Aluminum hydroxide benzoate stearate	1-<5%

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

4 First Aid Measures

· Description of first aid measures**· General information:**

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

· After inhalation: Supply fresh air; consult doctor if symptoms persist.**· After skin contact:**

Wash with water and soap.

If symptoms persist consult a doctor.

· After eye contact:

Rinse with water.

If symptoms persist consult a doctor.

Rinse opened eye for several minutes under running water and consult a doctor.

· After swallowing:

Rinse the mouth with water.

Do NOT induce vomiting.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

· Most important symptoms and effects, both acute and delayed

No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire Fighting Measures

· Extinguishing media**· Suitable extinguishing agents:**

Alcohol resistant foam

Fire-extinguishing powder

Water haze

Carbon dioxide

Use fire extinguishing methods suitable to surrounding conditions.

· 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

Phosphorus oxides (e.g. P₂O₅)

Sulphur oxides (SO_x)

Metal oxides

· Advice for firefighters**· Protective equipment:**

Wear self-contained respiratory protective device.

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Wear fully protective suit.

- **Additional information** Cool endangered receptacles with water spray.

6 Accidental Release Measures

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

See Section 8 for information on personal protection equipment.

Do not breathe vapour.

- **Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

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:**

Send for recovery or disposal in suitable receptacles.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

- **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**

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

Handle with care. Avoid jolting, friction and impact.

When using do not eat, drink or smoke.

See Section 8 for information on personal protection equipment.

- **Information about fire - and explosion protection:** No special measures required.

- **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.

- **Further information about storage conditions:** None.

- **Specific end use(s)**

Grease

Professional use only.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **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: 1314-13-2 zinc oxide

WES	Short-term value: 10** mg/m ³ Long-term value: 10* 5** mg/m ³ *dust **fume
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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: 1314-13-2 zinc oxide

Oral	DNEL - Long term, Systemic effects	0.83 mg/m ³ /day (Consumer)
Dermal	DNEL - Long term, Systemic effects	83 mg/kg/day (Consumer) 83 mg/kg/day (Worker)
Inhalative	DNEL - Long term, Systemic effects	2.5 mg/kg/day (Consumer) 5 mg/kg/day (Worker)

· PNECs
CAS: 1314-13-2 zinc oxide

PNEC	0.0206 mg/L (Freshwater) 117.8 mg/L (Freshwater sediment) 0.0061 mg/L (Saltwater) 56.5 mg/L (Saltwater sediment) 0.052 mg/L (Water treatment plant) 35.6 mg/L (Soil)
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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:

Wash hands before breaks and at the end of work.

Use only in well-ventilated areas.

In case of insufficient ventilation, wear suitable respiratory equipment.

· Respiratory protection: Not required.

· Protection of hands:

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

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.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Goggles recommended during refilling

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· **Body protection:**



Protective work 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: Highly viscous

Colour: White

· **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.

· **Explosion limits:** Not applicable.

· **Upper:** Not applicable.
Oxidising properties

· **Vapour pressure:** Not determined.

· **Density at 20 °C:** 1.15 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

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Other information

No further relevant information available.

10 Stability and Reactivity

- **Reactivity** Reacts with strong oxidising agents.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Iron
- **Hazardous decomposition products:** No further information, refer to section 5.

11 Toxicological Information

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

LD/LC50 values relevant for classification:

Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg

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

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

CAS: 1314-13-2 zinc oxide

Oral	LD50	>5,000 mg/kg (Rat)
Inhalative	LC50 (4 h)	5.7 mg/L (Rat)

Primary irritant effect:**Skin corrosion/irritation****CAS: 1314-13-2 zinc oxide**

Irritation of skin	Skin Corrosion/Irritation	0 (Rabbit) (OECD test 404)
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Serious eye damage/irritation
Irritating effect.**CAS: 1314-13-2 zinc oxide**

Irritation of eyes	Serious Eye Damage/Irritation	0 (Rabbit) (OECD test 405)
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- **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.

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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: 1314-13-2 zinc oxide

LC50 (96 h)	6-10 mg/L (Fish)
EC50 (48 h)	2-10 mg/L (Daphnia)
EC50 (72 h)	0.17 mg/L (Algae)

· Persistence and degradability

Not easily biodegradable

The product is virtually insoluble in water.

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

Biodegradability 0-24 %

· Behaviour in environmental systems:

· Bioaccumulative potential

The product is not expected to bioconcentrate significantly in organisms.

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

Bioconcentration factor 1,900 (Fish)

· Mobility in soil No further relevant information available.

· Ecotoxicological effects:

· Remark:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful to fish

· Additional ecological information:

· General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

· 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.

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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**

· **ADG, IMDG, IATA**

Not regulated

· **UN proper shipping name**

· **ADG**

3287 TOXIC LIQUID, INORGANIC, N.O.S.

· **IMDG, IATA**

Not regulated

· **Transport hazard class(es)**

· **ADG, ADN, IMDG, IATA**

· **Class**

Not regulated

· **Packing group**

· **ADG, IMDG, IATA**

Not regulated

· **Environmental hazards:**

· **Marine pollutant:**

No

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of
Marpol and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

UN 3287 TOXIC LIQUID, INORGANIC, N.O.S., 6.1,
III

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** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Directive 2012/18/EU**

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

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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 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

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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

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

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