Safety Data Sheet
according to WHS Regulations

Date of issue: 21.10.2026 Version number 1 Revision: 21.10.2026

1 Identification

· **Other means of identification**

· **Trade name: ARDEX PMO 593 F, Component A**

· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Adhesives

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
ARDEX Australia Pty Ltd
2 Buda Way, Kemps Creek
NSW 2174
Technical.Services@ardexaustralia.com
Phone: 1300 788 780

· **Informing department:**
Product safety department.
msds@wakol.de

· **Emergency telephone number:**
Emergency CONTACT (24-Hour-Number)
GBK GmbH Global Regulatory Compliance +49 (0)6132-84463

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:** Not applicable
· **vPvB:** Not applicable

3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Adhesive

· **Dangerous components:**

CAS: 52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate >0.25–<1%
EINECS: 258-207-9 Reproductive toxicity – Category 2, H361f; Eye damage/irritation – Category 1, H318

CAS: 870-08-6 dioctyltin oxide >0.1–≤0.25%
EINECS: 212-791-1 Reproductive toxicity – Category 2, H361; Specific target organ toxicity (single exposure) – Category 2, H371; Specific target organ toxicity (repeated exposure) – Category 1, H372

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

4 First Aid Measures

· ***After inhalation*** *Supply fresh air; consult doctor in case of complaints.*
· ***After skin contact*** *Clean with water and soap. If possible, also wash with polyethylene glycol 400.*
· ***After eye contact***
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· ***After swallowing*** *Do not induce vomiting; call for medical help immediately.*
· ***Information for doctor***
· ***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

· ***Suitable extinguishing agents***
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
· ***Special hazards arising from the substance or mixture*** *No further relevant information available.*
· ***Protective equipment:*** *Wear self-contained respiratory protective device.*

6 Accidental Release Measures

· ***Personal precautions, protective equipment and emergency procedures*** *Ensure adequate ventilation*
· ***Environmental precautions:*** *Do not allow product to reach sewage system or any water course.*
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
· ***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*** *Use only in well ventilated areas.*
· ***Information about protection against explosions and fires:*** *No special measures required.*
· ***Storage***
· ***Requirements to be met by storerooms and containers:*** *No special requirements.*
· ***Information about storage in one common storage facility:*** *Not required*
· ***Further information about storage conditions:*** *Store in cool, dry conditions in well sealed receptacles.*

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· **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

· **Appropriate engineering controls** No further data; see section 7.
· **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· **DNELs**

52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

Oral DNEL 0.18 mg/kg (consumers (Long-term))
Dermal DNEL 0.9 mg/kg (consumers (Long-term))
1.8 mg/kg (workers (Long-term))
Inhalative DNEL 0.31 mg/m³ (consumers (Long-term))
1.27 mg/m³ (workers (Long-term))

· **PNECs**

52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

PNEC 0.018 mg/l (Freshwater)
0.0018 mg/l (Sea water)
0.007 mg/l (Water - partially release)
1 mg/l (Sewage treatment plants (STP))
PNEC 5.9 mg/kg (Soil)
2.9 mg/kg (Sediment (Sea water))
29 mg/kg (Sediment (Freshwater))

· **Additional information:**
The lists valid during the making were used as basis.
See Section 10.
· **Personal protective equipment**
· **General protective and hygienic measures**
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
· **Breathing equipment:**
Use suitable respiratory protective device in case of insufficient ventilation.
If the occupational exposure limit is exceeded.
· **Recommended filter device for short term use:** Combination filter A-P2
· **Protection of hands:**



Protective gloves

Preventive skin protection by use of skin-protecting agents is recommended.
· **Material of gloves**
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

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resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Recommended thickness of the material: ≥ 0.35 mm

· **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** *Protective work clothing*

9 Physical and Chemical Properties

· **General Information**	
· **Appearance:**	
· **Form:**	*Pasty*
· **Colour:**	*According to product specification*
· **Smell:**	*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:**	*Not applicable*
· **Inflammability (solid, gaseous)**	*Not applicable*
· **Decomposition temperature:**	*Not determined*
· **Self-inflammability:**	*Product is not selfigniting.*
· **Explosive properties:**	*Product does not present an explosion hazard.*
· **Critical values for explosion:**	
· **Lower:**	*Not determined*
· **Upper:**	*Not determined*
· **Steam pressure:**	*Not determined*
· **Density at 20 °C**	*1.75 g/cm³ (EN ISO 2811-1)*
· **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 at 20 °C:**	*375,000 mPas (ISO 2555)*
· **kinematic:**	*Not determined*
· **Organic solvents:**	*0.0 %*
· **VOC**	*0.0 %*

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· **Other information**
· **Particle characteristics** Not applicable
· **Physical state** Liquid

10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.
· **Additional information:** Product releases low quantities of methanol during appropiated application.

11 Toxicological Information

· **Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.
· **LD/LC50 values that are relevant for classification:**

52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

Oral LD50 3,700 mg/kg (Rat)

Dermal LD50 >3,170 mg/kg (Rat)

· **Primary irritant effect:**
· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological Information

· **Toxicity**
· **Aquatic toxicity:**

52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

NOEC/21d (static) 0.23 mg/l (Daphnia magna) (OECD RL 211)
LC50/96h 4.4 mg/l (Leuciscus macrochirus) (OECD RL 203)
EC50/48h 8.6 mg/l (Daphnia magna) (OECD RL 202 T1)
EC50/3h >100 mg/l (sludge) (OECD RL 209)
EC50/72h 0.705 mg/l (Scenedesmus subspicatus) (RL 92/69/EWG, C.3)

· **Persistence and degradability** No further relevant information available.

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· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): 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.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**	
· **ADG, IMDG, IATA**	Void
· **UN proper shipping name**	
· **ADG, IMDG, IATA**	Void
· **Transport hazard class(es)**	
· **ADG, ADN, IMDG, IATA**	
· **Class**	Void
· **Packing group**	
· **ADG, IMDG, IATA**	Void
· **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
· **Transport/Additional information:**	Not dangerous according to the above specifications.
· **UN "Model Regulation":**	Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Australian Inventory of Industrial Chemicals**
All ingredients are listed.

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· **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.

· **National regulations**
· **VOC:**
· **VOC (EU)** 0.2 g/l
· **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.

· **Relevant phrases**
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H361f Suspected of damaging fertility.
H371 May cause damage to organs.
H372 Causes damage to organs through prolonged or repeated exposure.
· **Contact:**
· **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)
VOC: Volatile Organic Compounds (USA, EU)
MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
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
Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1
Reproductive toxicity – Category 2: Reproductive toxicity – Category 2
Specific target organ toxicity (single exposure) – Category 2: Specific target organ toxicity (single exposure) – Category 2
Specific target organ toxicity (repeated exposure) – Category 1: Specific target organ toxicity (repeated exposure) – Category 1