

SAFETY DATA SHEET

ARDROX 907PB, AEROSOL EA

Infosafe No.: 0MH2Z
ISSUED Date : 21/09/2021
ISSUED by: CHEMETALL (AUSTRALASIA) PTY
LTD

Section 1 - Identification

Product Identifier

ARDROX 907PB, AEROSOL EA

Company Name

CHEMETALL (AUSTRALASIA) PTY LTD (ABN 25 074 869 015)

Address

17 Turbo Drive, Bayswater North
VIC 3153 AUSTRALIA

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Emergency Phone Number

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E-mail Address

customer.service.au@basf.com

Recommended use of the chemical and restrictions on use

Recommended use: Red penetrative liquid.

Not recommended use: Uses other than recommended

Other Names

Name	Product Code
ARDROX 907PB, AEROSOL EA	ID no. 30706503/SDS_GEN_00/ EN

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

According to UN GHS criteria

Skin Corr./Irrit.3

Eye Dam./Irrit.1

Aquatic Acute3

Flam. Aerosol1

Flam. Aerosol1

For the classifications not written out in full in this section the full text can be found in section 16(Other Information).

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H316 Causes mild skin irritation.

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

Pictogram (s)

Flame, Corrosion

**Precautionary Statement –Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

P280(w) Wear protective gloves, protective clothing and eye protection or face protection.

P211 Do not spray on an open flame or other ignition source.

P273 Avoid release to the environment.

Precautionary Statement –Response

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 or physician.

P332+P313 If skin irritation occurs: Get medical advice/attention.

Precautionary Statement –Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statement –Disposal

P501 Dispose of contents/container to hazardous or special waste collection point.

Other Information

Other hazards

According to UN GHS criteria

Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate even after use.

Do not spray into flames or onto glowing objects.

Section 3 - Composition and Information on Ingredients**Ingredients**

Name	CAS	Proportion
(2-Methoxymethylethoxy)propanol	34590-94-8	>=2-<2.5 %(w/w)
2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar', ar''-Me derivs.	92257-31-3	>=1-<2 %(w/w)
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	>=0.1-<0.2 %(w/w)
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	>=1-<2 %(w/w)
Ethoxylated Secondary Alcohols	68131-40-8	>=2-<2.5 %(w/w)
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 0, 03% aromatics	64742-46-7	>=30-<50 %(w/w)
(POLYMER) Alcohols, C9-11, ethoxylated	68439-46-3	>=3-<5 %(w/w)

Other Information

Substances

Not applicable

Mixtures

Chemical nature

organic compounds, organic solvent

Hazardous ingredients (GHS)

According to UN GHS criteria

(2-Methoxymethylethoxy)propanol
EC-Number: 252-104-2
Flam. Liq.4 H227
Substance with EU occupational exposure limit

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs
EC-Number: 296-120-8
Repr.2(fertility)
STOT RE(Liver, Spleen) 2
Aquatic Chronic4
H361, H373, H413

2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol
EC-Number: 202-414-9
Acute Tox.4(oral)
Skin Corr./Irrit.1C
Eye Dam./Irrit.1
STOT RE(Digestive organs, Thymus gland) 2
Aquatic Acute1Aquatic Chronic1
M-factor acute: 10
M-factor chronic: 1
H302, H373, H314, H400, H410

Distillates (petroleum), hydrotreated light naphthenic
EC-Number: 265-156-6
REACH registration number: 01-2119480375-34
Asp. Tox.1 H304

Ethoxylated Secondary Alcohols
Acute Tox.4(oral)
Eye Dam./Irrit.1
H318, H302

Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics
REACH registration number: 01-2119826592-36
Asp. Tox.1 H304

(POLYMER) Alcohols, C9-11, ethoxylated
Acute Tox.4(oral)
Eye Dam./Irrit.1
H318, H302

For the classifications not written out in full in this section the full text can be found in section 16(Other Information).

Section 4 - First Aid Measures

First Aid Measures

First aid personnel should pay attention to their own safety.If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).Remove affected person from danger area.Immediately remove contaminated clothing.In all cases of doubt, or when symptoms persist, seek medical attention.Never give anything by mouth to an unconscious person.

Inhalation

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water, seek medical attention. If adverse health effects develop seek medical attention.

Skin

If symptoms persist, seek medical advice. Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

Eye

Remove contact lenses, if present. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required.

Indication of immediate medical attention and special treatment needed if necessary

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: No known specific antidote.

Most important symptoms/effects, acute, delayed and aggravated medical conditions

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11 (Toxicological Information).

Section 5 - Firefighting Measures

Suitable Extinguishing Media

Carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable Extinguishing Media

Water jet

Special Protective Equipment for fire fighters

Appropriate breathing apparatus may be required.

Specific hazards arising from the chemical

Carbon oxides

Cool containers exposed to fire with water. Decomposition, pressure build-up and bursting of containers may occur.

Precautions in connection with Fire

Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

Section 6 - Accidental Release Measures

Emergency Procedures

Avoid breathing vapours. For non-emergency personnel: Use personal protective clothing. Ensure adequate ventilation. Keep away from sources of ignition. For emergency responders: Advice on product handling can be found in sections 7 (Handling and Storage) and 8 (Exposure Controls/Personal Protection) of this safety data sheet. Information regarding personal protective measures, see section 8 (Exposure Controls/Personal Protection).

Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal according with the waste regulations (see section 13 (Disposal Considerations)). Clean preferably with a detergent; avoid the use of solvents. Ensure adequate ventilation.

Environmental Precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

Section 7 - Handling and Storage

Precautions for Safe Handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Handle with care - avoid bumps, friction and impact. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. Solvent vapours are heavier than air and spread along floors. Vapour forms explosive mixtures with air. The relevant fire protection measures should be noted. Use explosion-proof equipment.

Conditions for safe storage, including any incompatibilities

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Suitable materials for containers: Paper/Fibreboard, Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: Keep container dry. Keep in a cool, well-ventilated place.

Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions.

Storage stability:

Storage temperature: < 50 °C

Other Information

Specific end use(s)

For the relevant identified use(s) listed in Section 1 (Identification) the advice mentioned in this section 7 (Handling and Storage) is to be observed

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

Components with occupational exposure limits

34590-94-8: (2-Methoxymethylethoxy)propanol

Respiratory Protection

Respiratory protection required if exposure limit (if available) may be exceeded (Combination filter EN 14387 AX-P)

Eye and Face Protection

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Hand Protection

Chemical resistant protective gloves (EN ISO 374-1)

nitrile rubber (NBR) -0.4 mm coating thickness

butyl rubber (butyl) -0.7 mm coating thickness

Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Body Protection

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

Hygiene Measures

Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. This can be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Aerosol	Appearance	Form: aerosol under pressure
Colour	Red	Odour	Of hydrocarbons
Melting Point	not determined	Boiling Point	Not determined
Solubility in Water	Completely miscible	pH	3,7 (950 g/l, 20 °C)
Vapour Pressure	(20 °C) not determined (50 °C) not determined	Density	0.860 g/cm ³ (20 °C) (DIN 51757) The values mentioned are those of the active ingredient.
Flash Point	>93°C (ISO 2592) The values mentioned are those of the active ingredient.	Flammability	Extremely flammable aerosol.
Auto-Ignition Temperature	not determined	Explosion Limit - Lower	not determined
Explosion Properties	Explosion hazard: not explosive	Kinematic Viscosity	(20 °C) not applicable (40 °C) not applicable, not determined

Other Information

Fire promoting properties: not fire-propagating

Other information

Self heating ability: It is not a substance capable of spontaneous heating.

Miscibility with water: miscible

Flow time: not applicable

Section 10 - Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical Stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Risk of bursting. Vapours may form explosive mixture with air.

Conditions to Avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid direct sunlight.

Incompatible Materials

Substances to avoid:

Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.

Hazardous Decomposition Products

Possible decomposition products:

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

Section 11 - Toxicological Information

Toxicology Information

Acute toxicity

Assessment of acute toxicity:

Based on available Data, the classification criteria are not met.

Irritation

Assessment of irritating effects:

May cause severe damage to the eyes.Skin contact causes slight irritation.

Developmental toxicity

Assessment of teratogenicity:

Based on available Data, the classification criteria are not met.

Respiratory Sensitisation

Assessment of sensitization:

Based on available Data, the classification criteria are not met.

Skin Sensitisation

Assessment of sensitization:

Based on available Data, the classification criteria are not met.

Germ Cell Mutagenicity

Assessment of mutagenicity:

Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity:

Based on available Data, the classification criteria are not met.

Reproductive Toxicity

Assessment of reproduction toxicity:

Based on available Data, the classification criteria are not met.

STOT - Single Exposure

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

STOT - Repeated Exposure

Assessment of repeated dose toxicity:

Based on available Data, the classification criteria are not met.

Aspiration Hazard

No aspiration hazard expected.

Section 12 - Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

Harmful to aquatic life.There are no test results available for this product.Do not allow to enter drains or waterways.

Persistence and degradability

Assessment biodegradation and elimination (H2O):

No data available concerning biodegradation and elimination.

Mobility

Assessment transport between environmental compartments:

Adsorption in soil: No data available.

Bioaccumulative Potential

Bioaccumulation potential:

No data available.

Other Adverse Effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

Other Information

Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Section 13 - Disposal Considerations

Waste Disposal

Observe national and local legal requirements.

No disposal via sewage or waste water systems.

Container Disposal and Methods

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

Section 14 - Transport Information

ADG U.N. Number

1950

ADG Proper Shipping Name

AEROSOLS

ADG Transport Hazard Class

2.1

ADG Packing Group

Not applicable

IERG Number

49

Additional Information

Land transport

ADR

UN number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user:

Tunnel code: D

RID

UN number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user: None known

Inland waterway transport

ADN

UN number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no
Special precautions for user: None known

Transport in inland waterway vessel
Not evaluated

Sea transport
IMDG
UN number: UN 1950
UN proper shipping name: AEROSOLS
Transport hazard class(es): 2.1
Packing group: Not applicable
Environmental hazards: no
Marine pollutant: NO
Special precautions for user: None known

Air transport
IATA/ICAO
UN number: UN 1950
UN proper shipping name: AEROSOLS, FLAMMABLE
Transport hazard class(es): 2.1
Packing group: Not applicable
Environmental hazards: No Mark as dangerous for the environment is needed
Special precautions for user: None known

Transport in bulk according to Annex II of MARPOL and the IBC Code
Regulation: Not evaluated
Shipment approved: Not evaluated
Pollution name: Not evaluated
Pollution category: Not evaluated
Ship Type: Not evaluated

IATA UN Number
1950

IATA Proper Shipping Name
Aerosols, flammable

IATA Transport Hazard Class
2.1

IATA Packing Group
Not applicable

IMDG UN Number
1950

IMDG Proper Shipping Name
AEROSOLS

IMDG Transport Hazard Class
2.1

IMDG Packing Group
Not applicable

Additional Information
Land transport

ADR
UN number: UN1950
UN proper shipping name: AEROSOLS
Transport hazard class(es): 2.1
Packing group: Not applicable
Environmental hazards: no
Special precautions for user:

Tunnel code: D

RID

UN number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user: None known

Inland waterway transport

ADN

UN number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user: None known

Transport in inland waterway vessel

Not evaluated

Sea transport

IMDG

UN number: UN 1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Marine pollutant: NO

Special precautions for user: None known

Air transport

IATA/ICAO

UN number: UN 1950

UN proper shipping name: AEROSOLS, FLAMMABLE

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: No Mark as dangerous for the environment is needed

Special precautions for user: None known

Transport in bulk according to Annex II of MARPOL and the IBC Code

Regulation: Not evaluated

Shipment approved: Not evaluated

Pollution name: Not evaluated

Pollution category: Not evaluated

Ship Type: Not evaluated

Section 15 - Regulatory Information

Regulatory Information

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

Not applicable

Poisons Schedule

N/A

Section 16 - Any Other Relevant Information

User Codes

User Title Label	User Codes
Task #	29197
Task #	44
Transcription Sign Off	29197 AF 10042019

Other Information

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

(ID no. 30706503/SDS_GEN_GB/EN)

Contact address:

BASF plc
PO Box 4, Earl Road, Cheadle Hulme,
Cheadle, Cheshire
SK8 6QG, UNITED KINGDOM

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2(Hazard Identification) and 3 (Composition/Information on Ingredients):

Skin Corr./Irrit.: Skin corrosion/irritation

Eye Dam./Irrit.: Serious eye damage/eye irritation

Aquatic Acute: Hazardous to the aquatic environment -acute

Flam. Aerosol: Flammable aerosols

Flam. Liq.: Flammable liquids

Repr.: Reproductive toxicity

STOT RE: Specific target organ toxicity - repeated exposure

Aquatic Chronic: Hazardous to the aquatic environment - chronic

Acute Tox.: Acute toxicity

Asp. Tox.: Aspiration hazard

H227 Combustible liquid.

H361 Suspected of damaging fertility.

H373 May cause damage to organs (Liver, Spleen) through prolonged or repeated exposure.

H413 May cause long lasting harmful effects to aquatic life.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage

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END OF SDS

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