

SAFETY DATA SHEET

ARDROX 800/3, AEROSOLInfosafe No.: 8ACSU
ISSUED Date : 24/02/2020
ISSUED by: Chemetall (Australasia) Pty Ltd

1. Identification

GHS Product Identifier

ARDROX 800/3, AEROSOL

Company name

Chemetall (Australasia) Pty Ltd

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Recommended use of the chemical and restrictions on use

Recommended use: Magnetoscopic liquid.

Not recommended use: None known

Other Names

Name	Product Code
ARDROX 800/3, AEROSOL	ID no.30721049/SDS_GEN_00/EN

2. Hazard Identification

GHS classification of the substance/mixture

Flammable Aerosol: Category 1

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

Precautionary statement – General

Not Applicable

Pictogram (s)

Flame

**Precautionary statement – Prevention**

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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

P251 Pressurized container: Do not pierce or burn, even after use.

Precautionary statement – Response

Not Applicable

Precautionary statement – Storage

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

Precautionary statement – Disposal

Not Applicable

Other Information

Other hazards

According to UN GHS criteria

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Distillates (Petroleum), hydrotreated light Kero-sine- unspecified	64742-47-8	≥ 75 - ≤ 100 % w/w
Carbon dioxide	124-38-9	≥ 3 - ≤ 5 % w/w

Other Information

Substances

Not applicable

Mixtures

Chemical nature

organic

Hazardous ingredients (GHS)

According to UN GHS criteria

Distillates (petroleum), hydrotreated light

EC-Number: 265-149-8

INDEX-Number: 649-422-00-2

Asp. Tox.1

Skin Corr./Irrit.2

STOT SE3(drowsiness and dizziness)

Aquatic Acute2

Aquatic Chronic2

H315, H304, H336, H401, H411

Carbon dioxide

CAS Number: 124-38-9

EC-Number: 204-696-9

Press. GasCompr. Gas

H280

Exception community workplace exposure limit (see section 8(Exposure Controls/Personal Protection))

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

4. First-aid measures

First Aid Measures

First aid personnel should pay attention to their own safety. Remove affected person from danger area. Immediately remove contaminated clothing.

Inhalation

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

Ingestion

Rinse mouth immediately with water. Do not induce vomiting. Seek medical attention.

Skin

Wash affected areas thoroughly with soap and water. If symptoms persist, seek medical advice.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 30 minutes. Seek medical attention.

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 and delayed

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

5. Fire-fighting 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 Methods

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.

Specific Hazards Arising From The Chemical

carbon oxides

6. Accidental release measures

Emergency Procedures

Use personal protective clothing. Avoid breathing vapours. Keep away from sources of ignition. Ensure adequate ventilation. Advice on product handling can be found in sections 7 (Handling and Storage) and 8 (Exposure Controls/Personal Protection) of this safety data sheet.

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.

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. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. 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. The relevant fire protection measures should be noted.

Conditions for safe storage, including any incompatibilities

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

Further information on storage conditions: Keep container dry. Keep container tightly closed in a cool, well-ventilated place. The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep away from heat. Avoid direct sunlight.

Other Information

Specific end use(s)

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

8. Exposure controls/personal protection

Occupational exposure limit values

Control parameters

Components with occupational exposure limits

124-38-9: Carbon dioxide

Respiratory Protection

Wear respiratory protection if ventilation is inadequate. (Combination filter EN 14387 AX-P)

Eye Protection

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

Hand Protection

nitrile rubber (Buna N)

chloroprene rubber (Neoprene)

Chemical resistant protective gloves (EN 374)

Further information on penetration time is available from the manufacturer of the glove.

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

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. 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.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Aerosol	Appearance	aerosol
Colour	colourless	Odour	of hydrocarbons
Melting Point	not determined	Boiling Point	>240°C
Solubility in Water	Insoluble	pH	not applicable
Vapour Pressure	(20 °C) not determined (50 °C) not determined	Density	0,820 g/cm ³ (20 °C)
Flash Point	116°C (Closed Cup)	Flammability	Extremely flammable.
Explosion Limit - Upper	7 %(V)	Explosion Limit - Lower	< 0,6 %(V)
Explosion Properties	not explosive	Initial boiling point and boiling range	> 240 °C
Kinematic Viscosity	(20 °C) not applicable (40 °C) not applicable, not determined		

Other Information

Fire promoting properties: not fire-propagating

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

Miscibility with water: immiscible

Flow time: not applicable

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.

Conditions to Avoid

Avoid direct sunlight.

Incompatible materials

strong oxidizing agents

Hazardous 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.

Possibility of hazardous reactions

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

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:

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

Respiratory sensitisation

Respiratory/Skin sensitization

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.

Other Information

Developmental toxicity

Assessment of teratogenicity:

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

12. Ecological information

Ecotoxicity

Toxicity

Assessment of aquatic toxicity:

There are no test results available for this product. Do not allow to enter drains or waterways. Based on available Data, the classification criteria are not met.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

No data available concerning biodegradation and elimination.

Mobility

Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: No data available.

Bioaccumulative 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.

13. Disposal considerations

Waste Disposal

Observe national and local legal requirements.

Container Disposal

Contaminated packaging:

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

14. Transport information

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

IERG Number

49

UN Number (Air Transport, ICAO)

1950

IATA/ICAO Proper Shipping Name

Aerosols, flammable

IATA/ICAO Hazard Class

2.1

IMDG UN No

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Hazard Class

2.1

Other 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:

Inland waterway transport

ADN

UN number UN1950

UN proper shipping name: AEROSOLS

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Transport hazard class(es): 2.1
Packing group: Not applicable
Environmental hazards: no
Special precautions for user:

Transport in inland waterway vessel
Not evaluated

Sea transport
IMDG
UN number: UN1950
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:

Air transport
IATA/ICAO
UN number: UN1950
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:

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

15. Regulatory information

Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Not applicable

Poisons Schedule

Not Scheduled

16. Other Information

User Codes

User Title Label	User Codes
Wis Numbers	00338538

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Other Information

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

Flam. Aerosol Flammable aerosols

Asp. Tox. Aspiration hazard

Skin Corr./Irrit. Skin corrosion/irritation

STOT SE Specific target organ toxicity —single exposure

Aquatic Acute Hazardous to the aquatic environment -acute

Aquatic Chronic Hazardous to the aquatic environment -chronic

Press. Gas Gases under pressure

H315 Causes skin irritation.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H280 Contains gas under pressure; may explode if heated.

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END OF SDS

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