

# SAFETY DATA SHEET

## ARDROX 8901W IN AEROSOL

Infosafe No.: ESS6P

ISSUED Date : 13/01/2021

ISSUED by: CHEMETALL (AUSTRALASIA) PTY LTD

### 1. Identification

**GHS Product Identifier**

ARDROX 8901W IN AEROSOL

**Company name**

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

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**E-mail Address**

customer.service.au@basf.com

**Recommended use of the chemical and restrictions on use**

Recommended use: Magnetoscopic liquid.

Not recommended use: Uses other than recommended

**Other Names**

Name	Product Code
ARDROX 8901W IN AEROSOL	918698/SDS_GEN_AU/EN
000000918698 ARDROX 8901W IN AEROSOL	918698/SDS_GEN_AU/EN
000000918698	918698/SDS_GEN_AU/EN
000000918698 ARDROX 8901W IN AEROSOL	
000000918698	

### 2. Hazard Identification

**GHS classification of the substance/mixture**

Eye Damage/Irritation: Category 2A

Flammable Aerosol: Category 1

STOT Single Exposure: Category 3 (narcotic)

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H222 Extremely flammable aerosol.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H229 Pressurized container: may burst if heated.

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### Precautionary statement – General

Not Applicable

### Pictogram (s)

Flame, Exclamation mark



### Precautionary statement – Prevention

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

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

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

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

### 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.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

### Precautionary statement – Storage

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

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

### Precautionary statement – Disposal

P501 Dispose of contents/container to Recommended use: Magnetoscopic liquid. Not recommended use: Uses other than recommended.

### Other Information

Other hazards which do not result in classification:

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.

## 3. Composition/information on ingredients

### Ingredients

Name	CAS	Proportion
Acetone	67-64-1	>=50-<75 % w/w
Butyl diglycol	112-34-5	>=2-<2.5 %(w/w)

### Other Information

Chemical nature

blend, organic solvents, inorganic

Hazardous ingredients

acetone

Flam. Liq.: Cat.2

Eye Dam./Irrit.: Cat.2A

STOT SE: Cat.3(drowsiness and dizziness)

Butyl diglycol

Acute Tox.: Cat.5(oral)

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Acute Tox.: Cat.5(dermal)  
Skin Corr./Irrit.: Cat.3  
Eye Dam./Irrit.: Cat.2A

### 4. First-aid measures

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#### First Aid Measures

##### General advice:

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 contact

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.

##### Advice to Doctor

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

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: No known specific antidote.

### 5. Fire-fighting measures

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#### 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.

#### Other 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.Collect contaminated extinguishing water separately, do not allow to reach sewage or effluentsystems.

### 6. Accidental release measures

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#### 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.

## Personal Precautions

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.

## 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

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### 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: Carbon steel (Iron), tinned carbon steel (Tinplate), Paper/Fibreboard, Aluminium

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. Keep away from heat.

## 8. Exposure controls/personal protection

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### Occupational exposure limit values

Components with workplace control parameters:

acetone, 67-64-1;

TWA value 250 ppm (ACGIH TLV)

STEL value 500 ppm (ACGIH TLV)

TWA value 1,185 mg/m<sup>3</sup>; 500 ppm (AU NOEL)

STEL value 2,375 mg/m<sup>3</sup>; 1,000 ppm (AU NOEL)

butane, 106-97-8;

TWA value 1,900 mg/m<sup>3</sup>; 800 ppm (AU NOEL)

STEL value 1,000 ppm (ACGIH TLV)

Explosion hazard.

### 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

Chemical resistant protective gloves (EN 374)

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).

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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. This can be achieved by the use of local exhaust ventilation and good general extraction. Ensure adequate ventilation. 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 - Liquid	Appearance	aerosol under pressure
Colour	White	Odour	Sweetish
Melting Point	not determined	Boiling Point	-25°C
Solubility in Water	Partly soluble	pH	substance/mixture is a gas
Vapour Pressure	(20 °C) not determined (50 °C) not determined	Density	0.900 g/cm <sup>3</sup> (20 °C)
Flash Point	-50°C (Closed Cup)	Flammability	(solid/gas): Extremely flammable aerosol.
Explosion Limit - Upper	approx. 9.5 %(V)	Explosion Limit - Lower	approx. 1.8 %(V)
Explosion Properties	not explosive	Kinematic Viscosity	(40 °C) not applicable

### Other Information

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

Fire promoting properties: not fire-propagating

Miscibility with water: partly miscible

Flow time: not applicable

## 10. Stability and reactivity

### Conditions to Avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid direct sunlight. Avoid prolonged exposure to extreme heat.

### Incompatible materials

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

### 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

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

## 11. Toxicological Information

### Toxicology Information

Acute toxicity

Assessment of acute toxicity:

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

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Information on: Butyl diglycol  
Experimental/calculated data:  
LD50rabbit(dermal):2,764 mg/kg(OECD Guideline 402)  
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### Irritation

Assessment of irritating effects:

Not irritating to the skin.The liquid splashed in the eyes may cause irritation and reversible damage.

Eye contact causes irritation.

### 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:

Possible narcotic effects (drowsiness or dizziness).

### 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

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### Ecotoxicity

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

Assessment transport between environmental compartments:

No data available.

### Bioaccumulative Potential

No data available.

### 13. Disposal considerations

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#### 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

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#### 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

Domestic transport:

ID number: UN1950

Transport hazard class(es): 2.1

Proper shipping name: AEROSOLS

Further information

IERG Number: 49

Sea transport IMDG

ID number: UN1950

Transport hazard class(es): 2.1

Marine pollutant: NO

Proper shipping name: AEROSOLS

Air transport IATA/ICAO

ID number: UN1950

Transport hazard class(es): 2.1

Proper shipping name: AEROSOLS, FLAMMABLE

## 15. Regulatory information

### Regulatory information

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

### Poisons Schedule

Not Scheduled

### Australia (AICS)

released / listed

## 16. Other Information

### User Codes

User Title Label	User Codes
Wis Numbers	00351526

### Other Information

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

## END OF SDS

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