

Safety Data Sheet

Ardrox 8901W, Aerosol NA

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(30687371/SDS_GEN_CA/EN)

1. Identification

Product identifier used on the label

Ardrox 8901W, Aerosol NA

Recommended use of the chemical and restriction on use

Recommended use*: Nondestructive Testing

Unsuitable for use: Uses other than recommended

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

Chemetall Canada Limited.
1 Kenview Blvd, Unit 110
Brampton, ON L6T 5E6
CANADA
+1 905 791-1628
sds.na-chemetall@basf.com

Emergency telephone number

Telephone: 800-424-9300, +1-703-527-3887

Other means of identification

Chemical family: mixture, inorganic, organic

2. Hazards Identification

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Classification of the product

Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
STOT SE	3 (Vapours may cause drowsiness and dizziness.)	Specific target organ toxicity — single exposure
Flam. Aerosol	1	Flammable aerosols
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Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements (Prevention):

P251	Do not pierce or burn, even after use.
P280	Wear protective gloves, protective clothing and eye protection or face protection.
P264	Wash contaminated body parts thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary Statements (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.
P312	Call a POISON CENTER or physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P332 + P313	If skin irritation occurs: Get medical attention.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P337 + P313	If eye irritation persists: Get medical attention.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P405	Store locked up.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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Hazards not otherwise classified

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.

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3. Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Acetone

CAS Number: 67-64-1
Content (W/W): ≥ 50.0 - $< 75.0\%$
Synonym: Acetone

propane

CAS Number: 74-98-6
Content (W/W): ≥ 10.0 - $< 15.0\%$
Synonym: Propan

Propane, 2-methyl-

CAS Number: 75-28-5
Content (W/W): ≥ 7.0 - $< 10.0\%$
Synonym: Isobutane

ethylbenzene

CAS Number: 100-41-4
Content (W/W): ≥ 0.0 - $< 0.1\%$
Synonym: Ethylbenzene

1-methoxypropan-2-ol

CAS Number: 107-98-2
Content (W/W): ≥ 3.0 - $< 5.0\%$
Synonym: 1-Methoxy-2-propanol; Propylene glycol monomethyl ether

Titanium dioxide

CAS Number: 13463-67-7
Content (W/W): ≥ 10.0 - $< 15.0\%$
Synonym: C.I. Pigment White 6

4. First-Aid Measures

Description of 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.

If inhaled:

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.

If on skin:

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

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If in eyes:

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.

If swallowed:

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

Most important symptoms and effects, both 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 and in the Toxicological assessments available in Section 11.

Information on: Acetone

Symptoms: *Overexposure may cause: Eye irritation, irritates the eyes and respiratory tract, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, CNS depression*

Hazards: Eye irritation Danger of drowsiness and dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physician

Antidote: No known specific antidote.

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

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

Unsuitable extinguishing media for safety reasons:

water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon oxides

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

Advice for fire-fighters

Protective equipment for fire-fighting:

Appropriate breathing apparatus may be required.

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. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

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6. Accidental release measures

Personal precautions, protective equipment and 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 and 8 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.

Methods and material 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). Clean preferably with a detergent; avoid the use of solvents. Ensure adequate ventilation.

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

No applicable information available.

Suitable materials for containers: Paper/Fibreboard

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.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

Acetone	OSHA PEL	PEL 1,000 ppm 2,400 mg/m ³ ; STEL value 1,000 ppm 2,400 mg/m ³ ; TWA value 750 ppm 1,800 mg/m ³ ;
	ACGIH TLV	TWA value 250 ppm ; STEL value 500 ppm ;

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propane	OSHA PEL	PEL 1,000 ppm 1,800 mg/m ³ ; TWA value 1,000 ppm 1,800 mg/m ³ ;
	ACGIH TLV	; D: Simple asphyxiant, EX: Explosion hazard
Propane, 2-methyl-	ACGIH TLV	STEL value 1,000 ppm ; Explosion hazard.
ethylbenzene	ACGIH TLV	TWA value 20 ppm ;
1-methoxypropan-2-ol	ACGIH TLV	TWA value 50 ppm ; STEL value 100 ppm ;
Titanium dioxide	OSHA PEL	PEL 15 mg/m ³ Total dust ; TWA value 10 mg/m ³ Total dust ;
	ACGIH TLV	TWA value 10 mg/m ³ ;

Advice on system design:

Use only in well-ventilated areas.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

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).

Eye protection:

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

Body protection:

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

General safety and 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

Form:	aerosol
Odour threshold:	No applicable information available.
Colour:	white
pH value:	not applicable
Melting point:	not determined
Freezing point:	not determined

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onset of boiling:	57.00 °C
Boiling range:	> 57.00 °C
Sublimation point:	No applicable information available.
Flash point:	-18 °C
Flammability:	Extremely flammable.
Lower explosion limit:	2.6 %(V)
Upper explosion limit:	12.8 %(V)
Autoignition:	465.00 °C
Vapour pressure:	(20 °C) not determined
Density:	0.996 g/cm ³ (20 °C)
Relative density:	No applicable information available.
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No data available.
Thermal decomposition:	No applicable information available.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	(20 °C) not applicable
Solubility in water:	insoluble
Miscibility with water:	immiscible
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Molar mass:	No applicable information available.
Evaporation rate:	No applicable information available.

10. Stability and Reactivity

Reactivity

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

Oxidizing properties:

not fire-propagating

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 direct sunlight.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

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.

Thermal decomposition:

No applicable information available.

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11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects: Causes serious eye irritation. May cause skin irritation.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Based on available Data, the classification criteria are not met.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

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

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

Bioaccumulative potential

Bioaccumulation potential

No data available.

Mobility in soil

Assessment transport between environmental compartments

No data available.

13. Disposal considerations

Waste disposal of substance:

Observe national and local legal requirements.

Container disposal:

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

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14. Transport Information

Land transport

TDG

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS

Sea transport

IMDG

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Marine pollutant: NO
Proper shipping name: AEROSOLS

Air transport

IATA/ICAO

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS, FLAMMABLE

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released / listed

NFPA Hazard codes:

Health: 2 Fire: 4 Reactivity: 1 Special:

16. Other Information

SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations

SDS Prepared on: 2020/04/24

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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