



SAFETY DATA SHEET

according to the OSHA Hazard Communication
Standard

Ardrox P6R Aerosol NA (12x16 Oz)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/28/2024	0000000000505591 07	Date of first issue: 02.03.2025

SECTION 1. IDENTIFICATION

Product name : Ardrox P6R Aerosol NA (12x16 Oz)
Product code : 000000000050559107

Manufacturer or supplier's details

Company:

Chemetall U.S., Inc.
675 Central Avenue
New Providence, NJ 07974 – USA
+1 800 526-4473
sds.na-chemetall@basf.com

Emergency telephone : CHEMTREC: 800-424-9300, +1-703-527-3887

Recommended use of the chemical and restrictions on use

Restrictions on use : Uses other than recommended

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Flam. Aerosol	1	Flammable aerosols
Repr.	2 (fertility)	Reproductive toxicity
Repr.	2 (unborn child)	Reproductive toxicity

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

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H318	Causes serious eye damage.
H315	Causes skin irritation.
H222	Extremely flammable aerosol.
H361	Suspected of damaging fertility. Suspected of damaging the unborn child.
H229	Pressurized container: May burst if heated.

Precautionary Statements (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.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P211	Do not spray on an open flame or other ignition source.
P280	Wear protective gloves, protective clothing and eye protection or face protection.
P264	Wash contaminated body parts thoroughly after handling.
P281	Use personal protective equipment as required.

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.
P310	Immediately call a POISON CENTER or physician.
P308 + P313	IF exposed or concerned: Get medical attention.
P332 + P313	If skin irritation occurs: Get medical attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P321	Specific treatment (see on this label).

Precautionary Statements (Storage):

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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3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

propane

CAS Number: 74-98-6
Content (W/W): >= 3.0 - < 5.0%
Synonym: Propan

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Propane, 2-methyl-
CAS Number: 75-28-5
Content (W/W): ≥ 20.0 - $< 25.0\%$
Synonym: 2-Methylpropane; Isobutane

ethylbenzene
CAS Number: 100-41-4
Content (W/W): ≥ 0.1 - $< 0.2\%$
Synonym: Ethylbenzene

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.
CAS Number: 92257-31-3
Content (W/W): ≥ 3.0 - $< 5.0\%$
Synonym: C.I.Solvent Red 164

Ethoxylated Secondary Alcohols (C11 - 15)
CAS Number: 68131-40-8
Content (W/W): ≥ 15.0 - $< 20.0\%$
Synonym: No data available.

Alcohols, C12-14-secondary, ethoxylated
CAS Number: 84133-50-6
Content (W/W): ≥ 25.0 - $< 50.0\%$
Synonym: No data available.

Xylene
CAS Number: 1330-20-7
Content (W/W): ≥ 1.0 - $< 3.0\%$
Synonym: No data available.

4. First-Aid Measures

Description of first aid measures

General advice:

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

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice.

If on skin:

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

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If in eyes:

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

If swallowed:

Rinse mouth immediately with water. Do not induce vomiting. 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: propane

Symptoms: Overexposure may cause:; unconsciousness, asphyxia, respiratory disorders, headache, dizziness

Information on: ethylbenzene

Symptoms: Overexposure may cause:; Eye irritation, skin irritation, irritation of the mucous membranes, erythema, nausea, headache, dizziness, diarrhea, abdominal cramps, dermatitis, loss of hearing, Ingestion may provoke the following symptoms:; asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse

Information on: 2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar"-Me derivs.

Symptoms: Overexposure may cause:; nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: Xylene

Symptoms: Overexposure may cause:; coma, weakness, lethargy, confusion, dyspnea, nausea, headache, dizziness

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

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

Unsuitable extinguishing media for safety reasons:

water jet

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Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon oxides

Advice for fire-fighters

Protective equipment for fire-fighting:
Appropriate breathing apparatus may be required.

Further information:

In case of combustion evolution of toxic gases/vapours possible.

Cool endangered containers with water-spray. Risk of bursting.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Information regarding personal protective measures, see section 8.

Environmental precautions

Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Ensure adequate ventilation. 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.

7. Handling and Storage

Precautions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). In closed rooms provide exhaust ventilation at floor level. The workplace should be equipped with an emergency shower and eye-rinsing facility. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixture with air. The relevant fire protection measures should be noted.

Electrical handling equipment should be explosion-proof. Use explosion-proof equipment.

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Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: Paper/Fibreboard, Aluminium, 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.

Storage stability:

Storage duration: 60 Months

Spraying efficiency of aerosol cans can decrease over time due to e.g. slight propellant loss.

Required time to properly redisperse particles in the can via shaking increases with elapsed shelf life.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

propane	OSHA Z1: ACGIH, US:	PEL 1,000 ppm 1,800 mg/m3 ; ; D: Simple asphyxiant, EX: Explosion hazard
Propane, 2-methyl-	ACGIH, US:	STEL value 1,000 ppm ; Explosion hazard.
ethylbenzene	ACGIH, US: OSHA Z1:	TWA value 20 ppm ; PEL 100 ppm 435 mg/m3 ;
Xylene	OSHA Z1: ACGIH, US:	PEL 100 ppm 435 mg/m3 ; TWA value 20 ppm ;

Advice on system design:

Use only in well-ventilated areas.

Personal protective equipment

Respiratory protection:

Respiratory protection required if exposure limit (if available) may be exceeded

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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).

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. Take off immediately all contaminated clothing. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

9. Physical and Chemical Properties

Form:	aerosol
Odour:	odourless
Odour threshold:	No applicable information available.
Colour:	red
pH value:	not applicable
Freezing point:	not determined
Melting point:	not determined
Boiling range:	not determined
Boiling point:	not determined
Sublimation point:	No applicable information available.
Flash point:	> 93 °C
Flammability:	Extremely flammable.
Lower explosion limit:	not determined
Upper explosion limit:	not available
Autoignition:	not determined
Vapour pressure:	(20 °C) not determined
Density:	0.550 g/cm ³ (20 °C)
Relative density:	No applicable information available.
Bulk density:	No data 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.

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Viscosity, kinematic:	(20 °C)
	not determined
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 data 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

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

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

Hazardous decomposition products

Decomposition products:

Possible decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No applicable information available.

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

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Irritation / corrosion

Assessment of irritating effects: Causes serious eye damage. Skin contact causes irritation.

Chronic Toxicity/Effects

Reproductive toxicity

Assessment of reproduction toxicity: Possible risk of impaired fertility.

Teratogenicity

Assessment of teratogenicity: Possible risk of harm to the unborn child.

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.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

No data available concerning biodegradation and elimination.

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

USDOT

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 TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

CAS Number

1330-20-7

100-41-4

Chemical name

Xylene

ethylbenzene

CERCLA RQ

100 LBS

CAS Number

74-98-6; 75-28-5;

1330-20-7

Chemical name

propane; Propane, 2-methyl-; Xylene

State regulations

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<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	74-98-6	propane
	75-28-5	Propane, 2-methyl-
	100-41-4	ethylbenzene
	1330-20-7	Xylene
PA	74-98-6	propane
	75-28-5	Propane, 2-methyl-
	1330-20-7	Xylene

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including ETHYLBENZENE, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:

Health: 3 Fire: 4 Reactivity: 1 Special:

HMIS III rating

Health: 3 Flammability: 4 Physical hazard: 1

16. Other Information

SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations

SDS Prepared on: 08/28/2024

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.