

## SAFETY DATA SHEET

according to the OSHA Hazard Communication  
Standard

### Ardrox 8800A Aerosol NA (12x16 Oz)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	03/02/2025	0000000000505591 11	Date of first issue: 02.03.2025

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#### SECTION 1. IDENTIFICATION

Product name : Ardrox 8800A Aerosol NA (12x16 Oz)  
Product code : 000000000050559111

##### 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

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#### 2. Hazards Identification

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

##### Classification of the product

Flam. Aerosol 1 Flammable aerosols

##### Label elements

Pictogram:



Signal Word:  
Danger

Hazard Statement:  
H222 Extremely flammable aerosol.  
H229 Pressurized container: May burst if heated.

Precautionary Statements (Prevention):

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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.
P251	Do not pierce or burn, even after use.

Precautionary Statements (Storage):

P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
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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):  $\geq 10.0$  -  $< 15.0\%$   
Synonym: Propan

Propane, 2-methyl-

CAS Number: 75-28-5  
Content (W/W):  $\geq 5.0$  -  $< 7.0\%$   
Synonym: 2-Methylpropane; Isobutane

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

CAS Number: 64742-47-8  
Content (W/W):  $\geq 75.0$  -  $\leq 100.0\%$   
Synonym: Kerosene sans odeur

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### 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 breathing is irregular or stopped, administer artificial respiration.

##### 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*

### 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.
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## 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

### 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.

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

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### 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.

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### 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:

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: 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.

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### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

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

#### **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

##### **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:	under pressure
Odour:	No data available.
Odour threshold:	No applicable information available.
Colour:	clear
pH value:	not applicable
Freezing point:	> -15 °C
Melting point:	< -15 °C

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Boiling range:	not determined
onset of boiling:	not determined
Sublimation point:	No applicable information available.
Flash point:	not applicable
Flammability:	not applicable
Lower explosion limit:	not determined
Upper explosion limit:	7 %(V)
Autoignition:	not determined
Vapour pressure:	( 20 °C) not determined
Density:	0.827 g/cm3 ( 20 °C)
Relative density:	No applicable information available.
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No data 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.

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## 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 direct sunlight.

### Incompatible materials

strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

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Decomposition products:

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

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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

#### Acute toxicity

Assessment of acute toxicity: Based on available data, the classification criteria are not met.

### Chronic Toxicity/Effects

#### Repeated dose toxicity

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

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## 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 (H<sub>2</sub>O)

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.

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### 13. Disposal considerations

#### Waste disposal of substance:

Observe national and local legal requirements.

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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

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### 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.

#### CERCLA RQ

100 LBS

#### CAS Number

74-98-6; 75-28-5

#### Chemical name

propane; Propane, 2-methyl-



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### State regulations

#### State RTK

NJ

#### CAS Number

74-98-6

75-28-5

64742-47-8

#### Chemical name

propane

Propane, 2-methyl-

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

PA

74-98-6

75-28-5

64742-47-8

propane

Propane, 2-methyl-

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

### **NFPA Hazard codes:**

Health: 0

Fire: 4

Reactivity: 1

Special:

### **HMIS III rating**

Health: 0

Flammability: 4

Physical hazard: 1

## 16. Other Information

### **SDS Prepared by:**

Chemetall (now part of BASF Group) NA Product Regulations

SDS Prepared on: 03/02/2025

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.