

## Safety Data Sheet Ardrox 2871

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### 1. Identification

Product identifier used on the label

**Ardrox 2871**

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

Recommended use\*: Paint stripper

Unsuitable for use: None known

\* 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 U.S., Inc.

675 Central Avenue

New Providence, NJ 07974 – USA

+1 800 526-4473

sds.na-chemetall@basf.com

**Emergency telephone number**

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

**Other means of identification**

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### 2. Hazards Identification

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

**Classification of the product**

Skin Corr./Irrit.	2
Eye Dam./Irrit.	1
Aquatic Acute	3

Skin corrosion/irritation
Serious eye damage/eye irritation
Hazardous to the aquatic environment - acute

**Label elements**

Pictogram:

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Signal Word:

Danger

Hazard Statement:

H315

Causes skin irritation.

H318

Causes serious eye damage.

H402

Harmful to aquatic life.

Precautionary Statements (Prevention):

P273

Avoid release to the environment.

P280

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

P264

Wash with plenty of water and soap thoroughly after handling.

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 doctor/physician.

P332 + P313

If skin irritation occurs: Get medical advice/attention.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P362 + P364

Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501

Dispose of contents/container to hazardous or special waste collection point.

### Hazards not otherwise classified

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

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

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
102-71-6	>= 1.0 - < 3.0%	2,2',2''-nitrilotriethanol
7722-84-1	>= 3.0 - < 5.0%	hydrogen peroxide
64742-48-9	>= 1.0 - < 3.0%	Naphtha (petroleum), hydrotreated heavy
56-81-5	>= 3.0 - < 5.0%	1,2,3-Trihydroxypropan
Trade Secret	>= 0.3 - < 1.0%	Phosphate Ester
61791-38-6	>= 0.3 - < 1.0%	1-(2-hydroxyethyl)-2-coco-2-imidazoline
4724-48-5	>= 0.3 - < 1.0%	Octylphosphonic acid

## 4. First-Aid Measures

### Description of first aid measures

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### 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.

### If in eyes:

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

### If swallowed:

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

### Most important symptoms and effects, both acute and delayed

Symptoms: 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.

### 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:

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.

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### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. 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

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. Collect waste in suitable containers, which can be labeled and sealed.

### 7. Handling and Storage

#### Precautions for safe handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). 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. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:

Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.

#### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (PET), Polypropylene (PP), Carbon steel (Iron), tinned carbon steel (Tinplate)

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

### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

2,2',2"-nitritotriethanol

ACGIH TLV      TWA value 5 mg/m<sup>3</sup> ;

hydrogen peroxide

OSHA PEL      PEL 1 ppm 1.4 mg/m<sup>3</sup> ; TWA value 1 ppm 1.4 mg/m<sup>3</sup> ;

ACGIH TLV      TWA value 1 ppm ;

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1,2,3-Trihydroxypropan	OSHA PEL	PEL 15 mg/m3 Total dust ; PEL 5 mg/m3 Respirable fraction ; TWA value 10 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ;
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### Advice on system design:

Use only in well-ventilated areas.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

#### Hand protection:

Chemical resistant protective gloves (EN 374), Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions. 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:

Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapour/spray. Avoid contact with the skin, eyes and clothing. Eye wash fountains and safety showers must be easily accessible. 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.

## 9. Physical and Chemical Properties

Form:	liquid
Odour:	mild
Colour:	yellow
pH value:	6.0 - 7.0
Melting point:	< -21 °C
onset of boiling:	not applicable, not determined
Flash point:	> 99 °C
Flammability:	hardly combustible
Lower explosion limit:	not determined
Upper explosion limit:	not available
Autoignition:	not determined
Vapour pressure:	( 20 °C) not determined
Density:	1.039 g/cm3 ( 20 °C)
Partitioning coefficient n-octanol/water (log Pow):	No data available.
Viscosity, kinematic:	6.0 mm2/s ( 20 °C)
Solubility in water:	partly soluble
Miscibility with water:	miscible

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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

None if used for intended purpose.

#### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

#### Incompatible materials

acids, bases, flammable, oxidizable substances, reducing 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.

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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.

#### Primary routes of entry

Ingestion  
Inhalation.  
Skin

#### Acute Toxicity/Effects

##### Oral

Type of value: ATE  
Value: 2,500 mg/kg

#### Chronic Toxicity/Effects

#### Symptoms of Exposure

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.

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### 12. Ecological Information

#### 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.

### 14. Transport Information

**Land transport**  
USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**  
IMDG

Not classified as a dangerous good under transport regulations

**Air transport**  
IATA/ICAO

Not classified as a dangerous good under transport regulations

### 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**  
91-20-3

**Chemical name**  
Naphthalene



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5000 LBS

67-56-1

Methanol

### State regulations

#### State RTK

NJ

#### CAS Number

102-71-6

7722-84-1

64742-48-9

56-81-5

PA

Trade Secret

102-71-6

7722-84-1

64742-48-9

56-81-5

#### Chemical name

2,2',2"-nitrilotriethanol

hydrogen peroxide

Naphtha (petroleum), hydrotreated heavy

1,2,3-Trihydroxypropan

Aromatic Alcohol

2,2',2"-nitrilotriethanol

hydrogen peroxide

Naphtha (petroleum), hydrotreated heavy

1,2,3-Trihydroxypropan

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

**WARNING:** This product can expose you to chemicals including NAPHTHALENE, which is known to the State of California to cause cancer, and METHANOL, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### **NFPA Hazard codes:**

Health: 2

Fire: 1

Reactivity: 1

Special:

### **HMIS III rating**

Health: 2

Flammability: 1

Physical hazard: 1

## **16. Other Information**

### **SDS Prepared by:**

Chemetall (now part of BASF Group) NA Product Regulations

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