

# Safety Data Sheet

## 11497000 Ardrox 5503 (BULK)

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Version: 2.0

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(30690438/SDS\_GEN\_US/EN)

### 1. Identification

**Product identifier used on the label**

**11497000 Ardrox 5503 (BULK)**

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

Recommended use\*: Detergents

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

**Emergency telephone number**

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

**Other means of identification**

Chemical family: organic

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### 2. Hazards Identification

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

**Classification of the product**

Asp. Tox.	1	Aspiration hazard
Flam. Liq.	4	Flammable liquids

**Label elements**

Pictogram:

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Signal Word:  
Danger

Hazard Statement:

H227

Combustible liquid.

H304

May be fatal if swallowed and enters airways.

Precautionary Statements (Prevention):

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280

Wear protective gloves, protective clothing and eye protection or face protection.

Precautionary Statements (Response):

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTER or physician.

P370 + P378

In case of fire: Use water spray for extinction.

P331

Do NOT induce vomiting.

Precautionary Statements (Storage):

P403 + P235

Store in a well-ventilated place. Keep cool.

P405

Store locked up.

Precautionary Statements (Disposal):

P501

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

### Hazards not otherwise classified

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. 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.

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## 3. Composition / Information on Ingredients

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

Naphtha (petroleum), hydrotreated heavy

CAS Number: 64742-48-9

Content (W/W): >= 75.0 - <= 100.0%

Synonym: No data available.

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## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

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

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### If inhaled:

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

### If on skin:

Flush with copious amounts of water for at least 15 minutes. If symptoms persist, seek medical advice.

### If in eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required. Remove contact lenses, if present.

### If swallowed:

Rinse mouth thoroughly with water, seek medical attention. Do not induce vomiting. Summon medical aid without delay.

## 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: Naphtha (petroleum), hydrotreated heavy*

*Symptoms: Overexposure may cause:; nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, Ingestion may provoke the following symptoms:; asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse, death*

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Hazards: If swallowed, in the event of vomiting, risk of product entering the lungs.

## Indication of any immediate medical attention and special treatment needed

### Note to physician

Antidote: No known specific antidote.

Treatment: Symptomatic treatment (decontamination, vital functions).

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## 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

Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

### Advice for fire-fighters

Protective equipment for fire-fighting:

Appropriate breathing apparatus may be required.

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### 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. 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.

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## 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 skin and eyes. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:  
Avoid all sources of ignition: heat, sparks, open flame.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Stainless steel 1.4301 (V2), 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 in a cool, well-ventilated place. Protect from frost. Avoid direct sunlight.

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### Advice on system design:

Use only in well-ventilated areas.

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### Personal protective equipment

#### **Respiratory protection:**

In situations where splashes or fine aerosols may form use appropriate certified respirators.

#### **Hand protection:**

Chemical resistant protective gloves (EN 374), nitrile rubber (Buna N), Further information on penetration time is available from the manufacturer of the glove., 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. 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.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	No data available.
Odour threshold:	No applicable information available.
Colour:	yellow
pH value:	not applicable
Freezing point:	not determined
Melting point:	not determined
Boiling range:	not determined
Boiling point:	189 °C
Sublimation point:	No applicable information available.
Flash point:	62 °C
Flammability:	Combustible liquid.
Lower explosion limit:	0.7 %(V)
Upper explosion limit:	No applicable information available.
Autoignition:	335.00 °C
Vapour pressure:	0.41 hPa ( 20 °C)
Density:	0.769 g/cm <sup>3</sup> ( 20 °C)
Relative density:	No applicable information available.
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.
Thermal decomposition:	No applicable information available.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	( 20 °C) not determined
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.

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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

None known

### Conditions to avoid

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

### Incompatible materials

No substances known that should be avoided.

### 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

#### Aspiration Hazard

May also damage the lung at swallowing (aspiration hazard).

### Chronic Toxicity/Effects

#### Repeated dose toxicity

Assessment of repeated dose toxicity: No applicable information available.

#### Other Information

Has a degreasing effect on skin.

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### 12. Ecological Information

#### Toxicity

Aquatic toxicity

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 (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.

#### 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

Classified as combustible liquid in containers greater than 119 gallons.

#### 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

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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.

##### NFPA Hazard codes:

Health: 2 Fire: 2 Reactivity: 1 Special:

##### HMIS III rating

Health: 2 Flammability: 2 Physical hazard: 1

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### 16. Other Information

#### SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations  
SDS Prepared on: 2020/07/29

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