

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Ardrox 2526

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-
stance/Mixture : Paint stripper

Recommended restrictions
on use : Contains dichloromethane; Restricted to industrial use and to
professionals approved in certain EU Member States – verify
where use is allowed.

1.3 Details of the supplier of the safety data sheet

Company : Chemetall GmbH
Trakehner Strasse 3
60487 Frankfurt a.M.

Lead Organisation : Surface Treatment
Telephone : +49(0)69 7165-0
Telefax : +49(0)69 7165-3567

Contact person product safety
Telephone : +49(0)6971653581
E-mail address : msds.de@chemetall.com

1.4 Emergency telephone number

Emergency telephone
number : +49(0)5326 51-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed.
Acute toxicity, Category 4	H332: Harmful if inhaled.
Acute toxicity, Category 4	H312: Harmful in contact with skin.
Skin corrosion, Category 1B	H314: Causes severe skin burns and eye damage.
Germ cell mutagenicity, Category 2	H341: Suspected of causing genetic defects.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single ex- posure, Category 3, Central nervous	H336: May cause drowsiness or dizziness.

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

system

Specific target organ toxicity - repeated exposure, Category 2

H373: May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

: Danger

Hazard statements

: H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.
H314 Causes severe skin burns and eye damage.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

: **Prevention:**
P201 Obtain special instructions before use.
P260 Do not breathe vapours, aerosols.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 IF exposed or concerned:
P310 Immediately call a POISON CENTER or doctor/ physician.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Hazardous components which must be listed on the label:

- 75-09-2 Dichloromethane; Methylene Chloride
- 108-95-2 Phenol

Additional Labelling:

Restricted to industrial use and to professionals approved in certain EU Member States - verify where use is allowed.

2.3 Other hazards

The information required is contained in this Material Safety Data Sheet.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature : Mixture of organic solvents containing a non-ionic surfactant.

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Dichloromethane; Methylene Chloride	75-09-2 200-838-9 01-2119480404-41	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H336	>= 65 - < 80
Phenol	108-95-2 203-632-7	Muta. 2; H341 Acute Tox. 3; H331 Acute Tox. 3; H311 Acute Tox. 3; H301 STOT RE 2; H373	>= 10 - < 25

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

		Skin Corr. 1B; H314	
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 270-115-0 01-2119489428-22	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 3 - < 5

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : First Aid responders should pay attention to self-protection and use the recommended protective clothing
Move out of dangerous area.
Take off contaminated clothing and shoes immediately.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and plenty of water.
Call a physician immediately.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids.
Call a physician immediately.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : May cause drowsiness or dizziness.
- Risks : Harmful if swallowed, in contact with skin or if inhaled.
Causes severe skin burns and eye damage.
If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.
For specialist advice physicians should contact the Poisons
Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO₂)
Dry powder
Alcohol-resistant foam
Water spray

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Heating or fire can release toxic gas.
Carbon monoxide
Carbon dioxide (CO₂)
Hydrogen chloride gas
Phosgene

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Further information : Use water spray to cool unopened containers.
Risk of bursting.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.
Wear personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.
Inform the relevant authorities if it enters sewers, aquatic environment or soil.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Ensure adequate ventilation.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For further information see Section 8 of the safety data sheet. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Have eye wash bottle or eye rinse ready at the work place.
To avoid risks to man and the environment, comply with the instructions for use.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Normal measures for preventive fire protection.
Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place.
Store in a place accessible by authorized persons only.
Protect from frost, heat and sunlight.
Store in original container.

Storage period : 36 month

Storage temperature : 0 - 30 °C

7.3 Specific end use(s)

Specific use(s) : Paint stripper

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value	Control parameters	Update	Basis
Dichloro-	75-09-2	TWA	100 ppm	2007-08-01	GB EH40

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

methane; Methylene Chloride			350 mg/m3		
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	300 ppm 1,060 mg/m3	2007-08-01	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
Phenol	108-95-2	TWA	2 ppm 7.8 mg/m3	2011-12-01	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	2 ppm 8 mg/m3	2009-12-19	2009/161/EU
Further information	:	skin: Identifies the possibility of significant uptake through the skin Indicative			
		STEL	4 ppm 16 mg/m3	2009-12-19	2009/161/EU
Further information	:	skin: Identifies the possibility of significant uptake through the skin Indicative			
		STEL	4 ppm 16 mg/m3	2011-12-01	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
Dichloromethane; Methylene Chloride	75-09-2	Carbon monoxide: 30 ppm (End-tidal breath)	After shift	GB EH40 BAT

DNEL/DMEL

Dichloromethane; Methylene : End Use: Workers DNEL

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Chloride

Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 353 mg/m³

Phenol

: End Use: Workers DNEL
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 8 mg/m³

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

: End Use: Workers DNEL
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 12 mg/m³

End Use: Workers DNEL
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 12 mg/m³

End Use: Workers DNEL
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 170 mg/kg bw/day

PNEC

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

: Fresh water
Value: 0.268 mg/l

Marine water
Value: 0.0268 mg/l

Sewage treatment plant
Value: 3.43 mg/l

Fresh water sediment
Value: 8.1 mg/kg dry weight (d.w.)

Marine sediment
Value: 8.1 mg/kg dry weight (d.w.)

Soil
Value: 35 mg/kg dry weight (d.w.)

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Personal protective equipment

- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
Recommended Filter type:
AX
- Hand protection : Fluorinated rubber
Protective gloves complying with EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- Eye protection : Eye protection (EN 166)
Tightly fitting safety goggles
Have eye wash bottle or eye rinse ready at the work place.
- Skin and body protection : Chemical resistant protective clothing according to DIN EN 13034 (Type 6)
- Hygiene measures : Take off contaminated clothing and shoes immediately.
Keep away from food, drink and animal feedingstuffs.
Wash hands before breaks and immediately after handling the product.
Avoid contact with skin and eyes.
Do not breathe vapours, aerosols.

Environmental exposure controls

- General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.
Inform the relevant authorities if it enters sewers, aquatic environment or soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : red brown
- Odour : phenol-like
- Flash point : Not applicable

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Density : 1.24 g/cm³
at 20 °C

Water solubility : emulsifiable

Viscosity, dynamic : 35 mPa*s
at 20 °C

9.2 Other information

Explosivity : Vapours may form explosive mixture with air.

Directive 1999/13/EC on the : Value: 66.9 %
limitation of emissions of vol- Value: 829 g/l
atile organic compounds

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Keep away from open flames, hot surfaces and sources of
ignition.
Protect from frost.

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents
Strong acids and strong bases

10.6 Hazardous decomposition products

Risk of decomposition. : No decomposition if stored and applied as directed.

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate: 426.9 mg/kg
Method: Calculation method

Acute oral toxicity
Phenol : Acute toxicity estimate: 100 mg/kg
Method: Converted acute toxicity point estimate

Benzenesulfonic acid, C10-
13-alkyl derivs., sodium salts : LD50: 1,080 mg/kg
Species: Rat

Acute inhalation toxicity : Acute toxicity estimate: 12.99 mg/l
vapour
Exposure time: 4 h
Method: Calculation method

Acute inhalation toxicity
Dichloromethane; Methylene
Chloride : LC50: 49 mg/l
Species: Rat

Phenol : LC50/inhalation/4h/rat.: 316.0 mg/l

Acute dermal toxicity : Acute toxicity estimate: 1,299 mg/kg
Method: Calculation method

Acute dermal toxicity
Dichloromethane; Methylene
Chloride : LD50 Dermal: 2,000 mg/kg
Species: Rat

Phenol : Acute toxicity estimate: 300 mg/kg
Method: Converted acute toxicity point estimate

Skin corrosion/irritation

Skin irritation : Causes severe burns.

Serious eye damage/eye irritation

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Eye irritation : Causes serious eye damage.

Respiratory or skin sensitisation

Sensitisation : No data available

Germ cell mutagenicity

Remarks : Suspected of causing genetic defects.

Carcinogenicity

Remarks : Suspected of causing cancer.

Neurological effects : May cause drowsiness or dizziness.

Toxicology Assessment

Acute effects : Harmful if swallowed, in contact with skin or if inhaled., If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

Repeated dose toxicity : May cause damage to organs through prolonged or repeated exposure.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicology studies for the product are not available.

Toxicity to fish

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts : LC50: 1.67 mg/l
Exposure time: 96 h
Species: Fish

NOEC: 0.25 mg/l
Exposure time: 90 d
Species: Fish

Toxicity to daphnia and other aquatic invertebrates

Dichloromethane; Methylene Chloride : EC50: 480 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

LC50: 244 mg/l

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Chemetall
expect more⁺

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

	Exposure time: 96 h Species: Daphnia magna (Water flea)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	: EC50: 2.9 mg/l Exposure time: 48 h Species: Daphnia (water flea)
	NOEC: 1.18 mg/l Exposure time: 21 d Species: Daphnia (water flea)
Toxicity to algae Dichloromethane; Methylene Chloride	: EC50: > 662 mg/l Species: Selenastrum capricornutum (fresh water algae)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	: EC50: 47.3 mg/l Exposure time: 72 h Species: Algae
	NOEC: 3.1 mg/l Exposure time: 15 d Species: Algae

12.2 Persistence and degradability

Biodegradability : No data available

Biodegradability
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts : > 60 %
Method: OECD Test Guideline 301B
rapidly biodegradable
The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.907/2006 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Bioaccumulation : Bioaccumulation is unlikely.

12.4 Mobility in soil

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Distribution among environmental compartments : No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information : water endangering
Even leakage of small amounts in the subsoil can contaminate drinking water.
Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.

Contaminated packaging : Dispose of as unused product.

Waste Code : Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

ADR

UN number : 1760
UN proper shipping name : CORROSIVE LIQUID, N.O.S. (Phenol)
Transport hazard class(es) : 8
Packing group : III
Classification Code : C9
Hazard Identification Number : 80
Limited Quantity (LQ) Inner : 5.00 L
Packaging
Maximum quantity : 30.00 KG
Labels : 8
Tunnel restriction code : (E)
Environmentally hazardous : no

IATA

UN number : 1760
Description of the goods : Corrosive liquid, n.o.s. (Phenol)
Class : 8
Packing group : III

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

Labels : 8

IATA_C

Packing instruction (cargo aircraft) : 856
Packing instruction (LQ) : Y841
Maximum quantity : 60.00 L
Environmentally hazardous : no

IATA_P

Packing instruction (passenger aircraft) : 852
Packing instruction (LQ) : Y841
Maximum quantity : 5.00 L
Environmentally hazardous : no

IMDG

UN number : 1760
Description of the goods : CORROSIVE LIQUID, N.O.S. (Phenol)
Class : 8
Packing group : III
Labels : 8
EmS Number 1 : F-A
EmS Number 2 : S-B
Limited Quantity (LQ) Inner : 5.00 L
Packaging :
Marine pollutant : no

Alkalis
Clear of living quarters.

RID

UN number : 1760
Description of the goods : CORROSIVE LIQUID, N.O.S. (Phenol)
Transport hazard class(es) : 8
Packing group : III
Classification Code : C9
Hazard Identification Number : 80
Labels : 8
Limited Quantity (LQ) Inner : 5.00 L
Packaging :
Maximum quantity : 30.00 KG
Environmentally hazardous : no

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Water contaminating class (Germany) : WGK 2 water endangering
VWVWS A4

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws.
Regional or national implementations of GHS may not implement all hazard classes and categories.

15.2 Chemical safety assessment

For a mixture it is not mandatory to include an exposure scenario in the material safety data sheet.
The necessary safety - related information is stated in the first 16 sections.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H302 + H312 + H332	Harmful if swallowed, in contact with skin or if inhaled.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Further information

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.

Ardrox 2526

Version: 7.0

Revision Date 06.12.2016

Print Date 10.12.2016

| This data sheet contains changes from the previous version in section(s): 14