

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Chemetall

Ardrox 2526

Version: 5 12.02.2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

English

Product information

Commercial Product Name Ardrox 2526

Recommended use:

Paint stripper

Company: Chemetall plc
Denbigh Road
Bletchley Milton Keynes MK1 1PB

Lead Organisation:

Contact person:

Telephone: 01908 649333

Telefax: 01908 373939

Product safety:

Telephone: +49(0)6971652832

E-mail address: msds.de@chemetall.com

Emergency telephone: 01908 649333

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Classification:

toxic R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

Corrosive R34 Causes burns.

Harmful R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

Carcinogenic Category 3 R40 Limited evidence of a carcinogenic effect.

Mutagenic Category 3 R68 Possible risk of irreversible effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:

Mixture of organic solvents.

Hazardous components

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Dichloromethane; Methylene Chloride 50.00 - 100.00 %

CAS-No.: 75-09-2 **EINECS-No.:** 200-838-9

Classification: Carc.Cat.3; R40

Phenol 10.00 - 25.00 %

CAS-No.: 108-95-2 **EINECS-No.:** 203-632-7

Classification: Mut.Cat.3; R68 T; R23/24/25 C; R34 Xn; R48/20/21/22

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 2.50 - 5.00 %

CAS-No.: 68411-30-3 **EINECS-No.:** 270-115-0

Classification: Xn; R22 Xi; R38, R41

4. FIRST AID MEASURES

General advice:

First-aid crew: Ensure self-protection. Move out of dangerous area. Take off contaminated clothing and shoes immediately.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids. Consult a physician.

Skin contact:

Take off immediately all contaminated clothing. Wash off with polyethylene glycol and afterwards with plenty of water. Wash off with soap and water. Consult a physician.

Inhalation:

Move to fresh air. Consult a physician.

Ingestion:

Rinse mouth with water. Do not induce vomiting without medical advice. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting:

May form toxic gases on heating or in case of fire. Carbon monoxide Hydrogen chloride gas Phosgene

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus.

Suitable extinguishing media:

Carbon dioxide (CO₂), Dry powder, Alcohol-resistant foam, Water spray

Extinguishing media which shall not be used for safety reasons:

High volume water jet

Further information:

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation.

Environmental precautions:

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

Methods for cleaning up:

Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material,

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(e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Handling

Safe handling advice:

Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place. Handle and open container with care.

Advice on protection against fire and explosion:

Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges.

Storage

Requirements for storage areas and containers:

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

Advice on common storage:

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional technical information on the plant:

Ensure adequate ventilation, especially in confined areas.

Components with workplace control parameters

Dichloromethane; Methylene Chloride 75-09-2

	Value	Update	Basis
TWA	100.00 ppm 350.00 mg/m ³	2007-08-01	GB EH40
STEL	300.00 ppm 1,060.00 mg/m ³	2007-08-01	GB EH40

Phenol 108-95-2

	Value	Update	Basis
TWA	2.00 ppm 7.80 mg/m ³	2000-06-16	2000/39/EC
TWA	2.00 ppm	2005-04-06	GB EH40

Personal protective equipment

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. Recommended Filter type: AX-P3

Hand protection:

General advice: Solvent-resistant gloves, Polyvinyl alcohol gloves, Protective gloves complying with EN 374., The exact break through time can be obtained from the protective glove producer and this has to be observed.

Eye protection:

Tightly fitting safety goggles

Skin and body protection:

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

Hygiene measures:

Keep away from food, drink and animal feedingstuffs. Take off contaminated clothing and shoes immediately. Wash hands before breaks and immediately after handling the product. Avoid

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contact with skin and eyes. Do not breathe vapour. Do not breathe spray. Pregnant women must definitely avoid inhalation and skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	red brown
Odour:	phenol-like
Flash point:	not applicable
Density:	1.24 g/cm ³ at 20 °C
Water solubility:	emulsifiable
Viscosity:	35 mPa*s at 20 °C

10. STABILITY AND REACTIVITY

Conditions to avoid:

Keep away from open flames, hot surfaces and sources of ignition.

Materials to avoid:

Strong oxidizing agents, Light and/or alkaline metals, Zinc

Hazardous decomposition products:

No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

LD50 mouse

Dose: 300.0 mg/kg

CAS 108-95-2 Phenol

Acute inhalation toxicity:

LC50/inhalation/4h/rat.

Dose: 316.0 mg/l

CAS 108-95-2 Phenol

Acute dermal toxicity:

LD50 rat

Dose: 670.0 mg/kg

CAS 108-95-2 Phenol

Skin irritation:

Causes burns., Has a degreasing effect on the skin.

Eye irritation:

Causes burns.

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Further toxicological information:

Toxic by inhalation, in contact with skin and if swallowed., Carcinogenic Category 3, Limited evidence of a carcinogenic effect., Mutagenic Category 3, Possible risk of irreversible effects., Harmful by inhalation, in contact with skin and if swallowed., Inhalation of high vapour concentrations can cause CNS-depression and narcosis., If swallowed, severe burns in the oral cavity and throat as well as danger of perforation of the digestive tract and stomach.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability):

Biodegradability:

Remarks: no data available

Further information:

water endangering Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

13. DISPOSAL CONSIDERATIONS

Waste key for the unused product:

070703 organic halogenated solvents, washing liquids and mother liquors

Product:

Dispose of in accordance with local regulations.

Contaminated packaging:

Dispose of as unused product.

14. TRANSPORT INFORMATION

Regulation : ADR

UN/ID No.: 2810

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S., Phenol, Dichloromethane/ Methylene Chloride

Packaging group: II

Class: 6.1

ADR/RID-Labels: 6.1

Regulation : RID

UN/ID No.: 2810

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S., Phenol, Dichloromethane/ Methylene Chloride

Packaging group: II

Class: 6.1

ADR/RID-Labels: 6.1

Regulation : IMDG

UN/ID No.: 2810

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S., Phenol, Dichloromethane/ Methylene Chloride

Packaging group: II

Class: 6.1

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EmS: F-A S-A

Regulation : IATA_C

UN/ID No.: 2810

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S., Phenol, Dichloromethane/ Methylene Chloride

Packaging group: II

Class: 6.1

Regulation : IATA_P

UN/ID No.: 2810

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S., Phenol, Dichloromethane/ Methylene Chloride

Packaging group: II

Class: 6.1

15. REGULATORY INFORMATION

Hazardous components which must be listed on the label:

- Dichloromethane; Methylene Chloride
- Phenol

Labelling:



Toxic

R-phrase(s):	R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
	R34	Causes burns.
	R40	Limited evidence of a carcinogenic effect.
	R68	Possible risk of irreversible effects.
	R48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
S-phrase(s):	S 9	Keep container in a well-ventilated place.
	S23	Do not breathe gas/fumes/vapour/spray.
	S24/25	Avoid contact with skin and eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	

National legislation

Water contaminating class (Germany):

WGK 2 : water endangering

VVWS A4

Other regulations:

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The product is classified and labelled in accordance with EC directives or respective national laws.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 3

R22 Harmful if swallowed.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R38 Irritating to skin.

R40 Limited evidence of a carcinogenic effect.

R41 Risk of serious damage to eyes.

R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

R68 Possible risk of irreversible effects.

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.

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