

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.03.2022

Version-No. 3

Revision: 21.03.2022

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

- **1.1. Product identifier**
- Trade name / Article-No: **Wemas Primer**
- UFI: XY5P-AWMD-V00N-7M2W
- **1.2. Relevant identified uses of the substance / mixture or uses advised against**
Restricted to professional users.
- **Application of the substance / the mixture** Priming
- **1.3. Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
WEMAS
Absperntechnik GmbH
Edisonstr. 20
D - 33334 Gütersloh
- **Further information obtainable from:**
Tel: +49 (0) 524193700
Fax: +49 (0) 5241 937090
- **1.4. Emergency telephone number:**
Tel: +49 (0) 524193700
Fax: +49 (0) 5241 937090

SECTION 2: Hazards identification

- **2.1. Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 - GHS/CLP**
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
Carc. 2 H351 Suspected of causing cancer.
STOT SE 3 H336 May cause drowsiness or dizziness.

- **2.2. Label elements**
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Warning
- **Hazard-determining components of labelling:**
dichloromethane
- **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H336 May cause drowsiness or dizziness.
- **Precautionary statements**
P260 Do not breathe vapours.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves / eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **2.3. Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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- **Determination of endocrine-disrupting properties**

75-09-2 dichloromethane: List II

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

Registry-No's	Identification / Classification GHS-CLP	%
CAS: 75-09-2	dichloromethane	80-90%
Reg.nr.: 01-2119480404-41-XXXX	Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336	

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1. Description of first aid measures**

- **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:**

Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.

- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

- **After swallowing:** Do not induce vomiting; call for medical help immediately.

- **4.2. Most important symptoms and effects, both acute and delayed**

Headache

Drowsiness

Dizziness

Nausea

- **4.3. Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1. Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **5.2. Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Phosgene gas

Hydrogen chloride (HCl)

Chlorine

- **5.3. Advice for firefighters**

- **Protective equipment:** Wear self-contained respiratory protective device.

- **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

- **6.2. Environmental precautions:** Do not allow to enter surface or ground water.

- **6.3. Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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- Use neutralising agent.
- Dispose contaminated material as waste according to item 13.
- Ensure adequate ventilation.
- **6.4. Reference to other sections**
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1. Precautions for safe handling

- Appropriate regular employee training.
- Handle the substance preferably in closed system
- Not less than 5 -15 air exchanges per hour
- Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the vapour concentration below the workplace limit, wear an adequate respiratory protective device.
- Enclosure or extractor facilities are required.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.
- Avoid splashes or spray in enclosed areas.
- regular check up, maintenance and cleaning of equipment and machines
- Application temperature is not higher than 20°C above the surrounding temperature
- Avoid contact with the skin.
- Conduct spray applications in a ventilated booth or in an exhausted enclosure. Or as an alternative, ensure an adequate level of controlled ventilation (10 to 15 air changes per hour) and wear a respiratory protective device according to EN140 with filter type AX or better.
- if possible use tools with long handles
- Clean the pipe before decoupling
- **Information about fire - and explosion protection:**
- Dichloromethane is under most application conditions at normal temperatures not a flammable liquid. It has no measurable flash point, but with sufficient mass it will build a combustible air-vapour-mixture, if enough ignition energy will be available.
- **General protective and hygienic measures:**
- Avoid contact with the eyes and skin.
- Keep good industrial hygiene.

· 7.2. Conditions for safe storage, including any incompatibilities

- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep container tightly closed.
- **Information about storage in one common storage facility:** Observe the national regulations.
- **Further information about storage conditions:** None.
- **7.3. Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1. Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

· **DNELs**

75-09-2 dichloromethane

- Dermal DNEL long term 12 mg/kg (human being)
- Inhalative DNEL short term 706 mg/m³ (human being)
- DNEL long term 353 mg/m³ (human being)

· **PNECs**

75-09-2 dichloromethane

- PNEC- Freshwater 0.31 mg/l (not specified)

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PNEC-seawater	0.031 mg/l (not specified)
PNEC-periodic release	0.27 mg/l (not specified)
PNEC-Freshwater sediment	2.57 mg/kg (not specified)
PNEC-Seawater sediment	0.26 mg/kg (not specified)
PNEC-soil	0.33 mg/kg (not specified)
PNEC-wastewater treatment plant	26 mg/l (not specified)

· **Ingredients with biological limit values:**

75-09-2 dichloromethane

BGW (Germany) 500 µg/L

Untersuchungsmaterial: Vollblut

Probennahmezeitpunkt: unmittelbar nach Exposition

Parameter: Dichlormethan

· **CAS No. Designation of material % Type Value Unit**

75-09-2 dichloromethane

IOELV (INT) Short-term value: 706 mg/m³, 200 ppm
Long-term value: 353 mg/m³, 100 ppm
Skin

AGW (Germany) Long-term value: 180 mg/m³, 50 ppm
2(II);DFG, H, Z

· **8.2. Exposure controls**

limit the exposure to:

8 hours

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:** Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation:

Organic gases/vapors (boiling point <'less than' 149 °F/65 °C): eg.

¹ (F)OV - (Full Facepiece) Organic Vapor Respirator

² **Europe:** EN 371 Filtrertype AX, brown

· **Hand protection** Protective gloves

· **Material of gloves** D butyl rubber - BR: ChemTek™ (0,7 mm)

· **Penetration time of glove material** D: 120 - 140 min

· **Eye/face protection** Safety glasses

· **Body protection:** Protective work clothing

· **Environmental exposure controls**

Waste air is to be released into the atmosphere only via suitable separators.

SECTION 9: Physical and chemical properties

· **9.1. Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Fluid

· **Colour:**

Brown

· **Odour:**

Sweetish

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

40 °C

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

13 Vol %

· **Upper:**

22 Vol %

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· Flash point:	Not applicable.
· Ignition temperature:	605 °C
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity at 20 °C	ca. 15 s
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	453 hPa
· Density and/or relative density	
· Density at 20 °C:	ca. 1.25 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· 9.2. Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
	Void
· Flammable gases	Void
	Void
· Aerosols	Void
	Void
· Oxidising gases	Void
	Void
· Gases under pressure	Void
	Void
· Flammable liquids	Void
	Void
· Flammable solids	Void
	Void
· Self-reactive substances and mixtures	Void
	Void
· Pyrophoric liquids	Void
	Void
· Pyrophoric solids	Void
	Void
· Self-heating substances and mixtures	Void
	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
	Void
· Oxidising liquids	Void
	Void
· Oxidising solids	Void
	Void
· Organic peroxides	Void
	Void

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- | | |
|---------------------------|------|
| · Corrosive to metals | Void |
| | Void |
| · Desensitised explosives | Void |
| | Void |

SECTION 10: Stability and reactivity

- **10.1. Reactivity**
see item 10.3
No further relevant information available.
- **10.2. Chemical stability** Stable when stored and used properly.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3. Possibility of hazardous reactions**
Reacts with acids, alkalis and oxidising agents.
Reacts spontaneously with alkaline metals.
- **10.4. Conditions to avoid** Humidity and UV radiation
- **10.5. Incompatible materials:** No further relevant information available.
- **10.6. Hazardous decomposition products:** Hydrogen chloride (HCl)

SECTION 11: Toxicological information

- **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC₅₀ values relevant for classification:**

75-09-2 dichloromethane
 Oral LD₅₀ >2,000 mg/kg (rat)
 Dermal LD₅₀ >2,000 mg/kg (rat) (OECD-Prüfrichtlinie 402)
 Inhalative LC₅₀ /4 h 88 mg/l (rat)
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Suspected of causing cancer.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties**

75-09-2 dichloromethane: List II

SECTION 12: Ecological information

- **12.1. Toxicity**
- **Aquatic toxicity:**

75-09-2 dichloromethane
 LC₅₀ 193 mg / l / 96h (Fathead minnow - Pimephales promelas)
 97 mg / l / 96h (fish)
 LC₅₀ 27 mg / l / 48h (water flea - daphnia)
 97 mg / l / 48h (fish)
 EC₅₀ 220 mg / l / 48h (water flea - daphnia)
 IC₅₀ >662 mg / l / 72h (algae)
- **12.2. Persistence and degradability** No further relevant information available.

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- **12.3. Bioaccumulative potential** No further relevant information available.
- **12.4. Mobility in soil** No further relevant information available.
- **12.5. Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.6. Other adverse effects**
- **Behaviour in sewage processing plants:**
- **Remark:**
At correct sewage disposal in small quantities to biological sewage plants failures of the activated sludge are not expected.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Danger to drinking water if even small quantities leak into the ground.
Do not allow product to reach sewage system or any water course.

SECTION 13: Disposal considerations

- **13.1. Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.
- **European waste catalogue**
14 06 02* other halogenated solvents and solvent mixtures
- **Uncleaned packaging:**
- **Recommendation:**
Non contaminated packagings may be recycled.
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|---------------------------------|
| · 14.1. UN number or ID number | |
| · ADR, IMDG, IATA | UN1593 |
| · 14.2. UN proper shipping name | |
| · DOT, IMDG, IATA | DICHLOROMETHANE solution |
| · ADR | 1593 DICHLOROMETHANE solution |
| · 14.3. Transport hazard class(es) | |
| · Class | 6.1 Toxic substances. |
| · Label | 6.1 |
| · 14.4. Packing group | |
| · ADR, IMDG, IATA | III |
| · 14.5. Environmental hazards: | Not applicable. |
| · 14.6. Special precautions for user | Warning: Toxic substances. |
| · Hazard identification number (Kemler code): | 60 |
| · EMS Number: | F-A,S-A |
| · Segregation groups | Liquid halogenated hydrocarbons |
| · Stowage Category | A |
| · 14.7. Maritime transport in bulk according to IMO instruments | Not applicable. |
-
- | | |
|-----------------------------------|--|
| · ADR | |
| · Limited quantities (LQ) | 5L |
| · Excepted quantities (EQ) | Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml |
| · Transport category | 2 |

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· Tunnel restriction code	E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

SECTION 15: Regulatory information

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
See position no 2 - Hazards Identification

- **EU-Regulations**

75-09-2 dichloromethane: REACH, Annex XVII, No. 59

- **Directive 2012/18/EU - Seveso-III:**
- **Named dangerous substances - ANNEX I** None of the ingredients is included.
- **Regulation (EC) No 1907/2006 - REACH, ANNEX XVII** Conditions of restriction: 3
- **Regulation (EU) No 649/2012**

None of the ingredients is listed.

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **National regulations:**

- **D: Waterhazard class** Water hazard class 2 (Self-assessment): hazardous for water.
- **Other regulations, limitations and prohibitive regulations:** Restricted to professional users.
- **VOC - 2010/75/EU [g/L]:** 1,059.3 g/l
- **VOC - 2010/75/EU [%]:** 84.74 %
- **VOC - carbon content [g C/kg]:** 120 g C/kg

- **15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

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Trade name / Article-No: Wemas Primer*(Contd. of page 8)***· Version number of previous version: 2****· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

EU