

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020
Version (Revision) : 5.0.0 (4.1.0)

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

1.1 Product identifier

EUROBOOR MV.4
Authorisation No. : None
UFI: FJ60-N076-P00N-3DSS
Product category : PC-TEC-11 - Lubricants, greases, release agents

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

Relevant identified uses

Metal working fluid
Observe technical data sheet.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

EUROBOOR BV
Street : Kryptonstraat 110
Postal code/city : NL - 2718 TD Zoetermeer
Telephone : +31 (0)79 3614990
E-mail : info.nl@euroboor.com
Website: www.euroboor.com

1.4 Emergency telephone number

+31 (0)79 3614990 (CET 08:30 - 17:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.
Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

Classification procedure

Calculation method.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

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 **EUROBOOR**
FOR PROFESSIONALS BY PROFESSIONALS

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment : SECTION 12: Ecological information

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether ; EC No. : 203-961-6; CAS No. : 112-34-5

Weight fraction : $\geq 1 - < 10 \%$

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

2-aminoethanol ; REACH No. : 01-2119486455-28 ; EC No. : 205-483-3; CAS No. : 141-43-5

Weight fraction : $\geq 1 - < 3 \%$

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 STOT SE 3 ; H335 Aquatic Chronic 3 ; H412

Specific Conc. Limits : STOT SE 3 ; H335: C $\geq 5 \%$

Polyquarternary Ammonium Chloride ; EC No. : 608-578-1; CAS No. : 31075-24-8

Weight fraction : $\geq 0,25 - < 1 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H332 Eye Irrit. 2 ; H319 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410
(M Chronic=1) • (M Acute=10)

Pyridine-2-thiol-1-oxide, sodium salt ; REACH No. : 01-2119493385-28 ; EC No. : 223-296-5; CAS No. : 3811-73-2

Weight fraction : $\geq 0,025 - < 0,25 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410
(M Chronic=10) • (M Acute=100)

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one ; EC No. : 220-120-9; CAS No. : 2634-33-5

Weight fraction : $\geq 0,005 - < 0,25 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

Specific Conc. Limits : Skin Sens. 1 ; H317: C $\geq 19,2 \%$

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice. In the event of cardiac arrest immediately perform cardiopulmonary resuscitation.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. When in doubt or if symptoms are observed, get medical advice.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician. Oils and greases injected under your skin with high pressure equipment is a serious damage. Seek medical attention IMMEDIATELY. Bring a copy of this safety data sheet with you to the hospital for information to the medical staff.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Remove contact lenses, if present and easy to do. Continue rinsing. Protect uninjured eye. Call a physician immediately.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

The following symptoms may occur: Respiratory complaints , Headache , Dizziness , Nausea . Symptoms can occur only after several hours.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam , Extinguishing powder , Carbon dioxide (CO₂) , Sand .
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Water

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon dioxide (CO₂) , Nitrogen oxides (NO_x) , Sulphur oxides , Carbon monoxide , Aliphatic and aromatic pyrolysis products , Phosphorus oxides

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not inhale explosion and combustion gases. In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product. Provide fresh air.

Avoid contact with skin, eyes and clothes.

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

For non-emergency personnel

Avoid contact with skin, eyes and clothes. Use personal protection equipment. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Special danger of slipping by leaking/spilling product. Provide adequate ventilation. See protective measures under point 7 and 8.

For emergency responders

Suitable material : NBR (Nitrile rubber)

Unsuitable material : Butyl caoutchouc (butyl rubber) , NR (natural rubber, natural latex) , CR (polychloroprene, chloroprene rubber)

6.2 Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
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Version (Revision) : 5.0.0 (4.1.0)

6.3 Methods and material for containment and cleaning up

For containment

Clear spills immediately. Cover drains.

For cleaning up

Take up with oil-absorbing compound. Treat the recovered material as prescribed in the section on waste disposal. Never return spills in original containers for re-use. Clean contaminated articles and floor according to the environmental legislation. Retain contaminated washing water and dispose it.

6.4 Reference to other sections

Wear personal protection equipment (refer to section 8). Disposal: see section 13 .

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No hazardous reaction when handled and stored according to provisions. (Health hazards : None) . Avoid contact with skin, eyes and clothes.

Do not breathe vapour/aerosol. Provide fresh air.

Respiratory protection necessary at: generation/formation of aerosols , insufficient ventilation , insufficient exhaust .

Protective measures

Measures to prevent fire

No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Specific requirements or handling rules

No special measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Packaging materials

Unsuitable container/equipment material: Zinc

Requirements for storage rooms and vessels

Floors should be impervious, resistant to liquids and easy to clean. Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Shafts and sewers must be protected from entry of the product. Keep/Store only in original container. Protect containers against damage. Ensure adequate ventilation of the storage area.

Hints on joint storage

Possibility of hazardous reactions : Oxidizing agent .

Further information on storage conditions

Keep/Store only in original container. Keep in a cool, well-ventilated place.

Do not store at temperatures below : 0 °C .

Recommended storage temperature : 5 °C - 40 °C .

Protect against : Protect against direct sunlight. Keep away from heat.

Storage stability : 12 months . Observe technical data sheet.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether ; CAS No. : 112-34-5

Limit value type (country of origin) : STEL (EC)

Limit value : 15 ppm / 101,2 mg/m³

Version : 07.02.2006

Limit value type (country of origin) : TWA (EC)

Limit value : 10 ppm / 67,5 mg/m³

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

Version : 07.02.2006
2-aminoethanol ; CAS No. : 141-43-5
Limit value type (country of origin) : STEL (EC)
Limit value : 3 ppm / 7,6 mg/m³
Version :
Limit value type (country of origin) : TLV/TWA (EC)
Limit value : 1 ppm / 2,5 mg/m³
Version :

DNEL-/PNEC-values

DNEL/DMEL

2-aminoethanol ; CAS No. : 141-43-5
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Oral
Exposure frequency : Long-term
Limit value : 3,75 mg/kg
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 0,24 mg/kg
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 2 mg/m³
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 1 mg/kg

8.2 Exposure controls

A substance-tailored exposure-driven testing according to REACH, annex XI, chapter 3 was not performed.

Appropriate engineering controls

See section 7. No additional measures necessary.

Personal protection equipment

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Eye/face protection

Additional eye protection measures : Wear eye/face protection.

Skin protection

Hand protection

Tested protective gloves must be worn . DIN-/EN-Norms : EN ISO 374 . Breakthrough time (maximum wearing time) : 4 hours (NBR (Nitrile rubber) , Thickness of the glove material : 0,12 mm) . See information supplied by the manufacturer. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Unsuitable material : Butyl caoutchouc (butyl rubber) , NR (natural rubber, natural latex) , CR (polychloroprene, chloroprene rubber)

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Fresh air masks are recommended, or combination filters A2-P2 for works of short duration.

General information

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

Appearance

Physical state : Liquid

Colour : yellow

Odour

characteristic

Safety characteristics

| | | | |
|--|--------------------|---|------------------|
| Melting point/freezing point : | | not applicable | Literature value |
| Initial boiling point and boiling range : (1013 hPa) | > | 100 °C | |
| Decomposition temperature : | | not determined | |
| Flash point : | > | 135 °C | |
| Auto-ignition temperature : | | not determined | |
| Lower explosion limit : | | not determined | |
| Upper explosion limit : | | not determined | |
| Danger of explosion: | | form. of dang. vapour-air mixtures pos. | |
| Density : | (20 °C) | 1,06 g/cm ³ | DIN 51757 |
| Relative density : | (20 °C) | not determined | |
| Solubility in / Miscibility with Water: | | Emulsifiable | |
| pH-Wert : | (20 °C / 4 Wt %) | 9,5 | |
| log P O/W : | | not determined | |
| Viscosity kinematic: | (20 °C) | approx. 5 mm ² /s | DIN 51562 |
| Odour threshold : | | not determined | |
| Relative vapour density : | (20 °C) | not determined | |
| Vapourisation rate : | | not determined | |
| Oxidising liquids : | Not oxidising. | | |

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

In case of exceeding the storage temperature: Danger of bursting container.

10.5 Incompatible materials

Reaction with oxidizing agents possible. Acid

10.6 Hazardous decomposition products

Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours.
Hazardous decomposition products : Carbon monoxide , Carbon dioxide , aldehydes , Ketone , Sulphur oxides , Nitrogen oxides (NOx) , Phosphorus oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

| | |
|------------------|--|
| Parameter : | LD50 (2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether ; CAS No. : 112-34-5) |
| Exposure route : | Oral |
| Species : | Rat |
| Effective dose : | 5660 mg/kg |

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

Parameter : LD50 (2-aminoethanol ; CAS No. : 141-43-5)
Exposure route : Oral
Species : Rat
Effective dose : 200 - 1515 mg/kg
Parameter : LD50 (Polyquarternary Ammonium Chloride ; CAS No. : 31075-24-8)
Exposure route : Oral
Species : Rat
Effective dose : 1951 mg/kg
Parameter : LD50 (Pyridine-2-thiol-1-oxide, sodium salt ; CAS No. : 3811-73-2)
Exposure route : Oral
Species : Rat
Effective dose : 1208 mg/kg
Parameter : LD50 (1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one ; CAS No. : 2634-33-5)
Exposure route : Oral
Species : Rabbit
Effective dose : 670 mg/kg

Based on available data, the classification criteria are not met.

Acute dermal toxicity

Parameter : LD50 (2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether ; CAS No. : 112-34-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : 4000 mg/kg
Parameter : LC50 (2-aminoethanol ; CAS No. : 141-43-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : >= 1000 mg/kg
Parameter : LD50 (2-aminoethanol ; CAS No. : 141-43-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : 400 - 1025 mg/kg
Parameter : LD50 (Polyquarternary Ammonium Chloride ; CAS No. : 31075-24-8)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 2000 mg/kg
Parameter : LD50 (Pyridine-2-thiol-1-oxide, sodium salt ; CAS No. : 3811-73-2)
Exposure route : Dermal
Species : Rabbit
Effective dose : 1800 mg/kg
Parameter : LD50 (1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one ; CAS No. : 2634-33-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 5000 mg/kg

Based on available data, the classification criteria are not met.

Acute inhalation toxicity

Parameter : LC50 (2-aminoethanol ; CAS No. : 141-43-5)
Exposure route : Inhalation
Species : Rat
Effective dose : 1 - 5 mg/l
Exposure time : 4 h
Parameter : LC50 (2-aminoethanol ; CAS No. : 141-43-5)
Exposure route : Inhalation
Effective dose : > 1,3 mg/l
Exposure time : 6 h
Parameter : LC50 (Polyquarternary Ammonium Chloride ; CAS No. : 31075-24-8)
Exposure route : Inhalation
Species : Rat
Effective dose : 2,9 g/m³

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

Exposure time : 4 h
Parameter : LC50 (Pyridine-2-thiol-1-oxide, sodium salt ; CAS No. : 3811-73-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 1,08 mg/l
Exposure time : 4 h

Based on available data, the classification criteria are not met.

Corrosion

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Irritation to respiratory tract

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Skin sensitisation

Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

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.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

In case of ingestion

No known symptoms to date.

In case of skin contact

No known symptoms to date.

In case of inhalation

No known symptoms to date.

In case of eye contact

No known symptoms to date.

SECTION 12: Ecological information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

12.1 Toxicity

There are no data available on the mixture itself.

Aquatic toxicity

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter : EC50 (2-aminoethanol ; CAS No. : 141-43-5)
Species : Daphnia
Effective dose : 10 - 65 mg/l
Exposure time : 48 h

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020
Version (Revision) : 5.0.0 (4.1.0)

Parameter : EC50 (2-aminoethanol ; CAS No. : 141-43-5)
Species : Daphnia
Effective dose : 120 - 140 mg/l
Exposure time : 24 h
Parameter : EC50 (2-aminoethanol ; CAS No. : 141-43-5)
Species : Algae
Effective dose : 10 - 22 mg/l
Exposure time : 72 h
Parameter : EC50 (Polyquarternary Ammonium Chloride ; CAS No. : 31075-24-8)
Species : Daphnia pulex (water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 0,37 mg/l
Exposure time : 48 h
Parameter : EC50 (1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one ; CAS No. : 2634-33-5)
Species : Algae
Effective dose : 0,15 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

There are no data available on the mixture itself.

12.3 Bioaccumulative potential

There are no data available on the mixture itself.

12.4 Mobility in soil

There are no data available on the mixture itself.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

There are no data available on the mixture itself.

SECTION 13: Disposal considerations

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Recycle according to official regulations.

13.1 Waste treatment methods

Evidence for disposal must be provided. Send to a physico-chemical treatment facility under observation of official regulations. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself. Evidence for disposal must be provided.

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Waste codes/waste designations according to EWC/AVV

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Consult supplier about waste disposal.

After intended use

The waste is to be kept separate from other types of waste until its recycling. Recycle according to official regulations. Waste for recycling is to be classified and labelled.

Properties of waste which render it hazardous

Irritant. Ecotoxic.

Waste codes/waste designations according to EWC/AVV

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. List of proposed waste codes/waste designations in accordance with AAV : 130206* Emulsions/Coating products : 120109*

Other disposal recommendations

Dispose according to legislation. Do not allow to enter into surface water or drains.

SECTION 14: Transport information

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU legislation

REACH Regulation – the European Parliament and Council Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

CLP Regulation – the European Parliament and Council Regulation (EC) No 1272/2008 concerning reclassification, labelling and packaging of substances and mixtures

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]. This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: None

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 3

Other regulations (EU)

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

Volatile organic compounds (VOC) content in percent by weight :6,77

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer

not relevant

National regulations

Other regulations, restrictions and prohibition regulations

Observe regulations relating to TRGS 611.

15.2 Chemical safety assessment

For this mixture a chemical safety assessment has been carried out.

SECTION 16: Other information

16.1 Indication of changes

03. Hazardous ingredients

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

Data arise from reference works and literature.

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Calculation method.

16.5 Relevant H- and EUH-phrases (Number and full text)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : EUROBOOR MV.4
Revision date : 12.10.2020
Print date : 12.10.2020

Version (Revision) : 5.0.0 (4.1.0)

GHS Hazard statements of components

| | |
|------|---|
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

16.6 Training advice

None

16.7 Additional information

During mixing, observe all labels and safety data sheets of all the components. Please refer to our internet website for more information: See section 1.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
