

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 1/13

EUROPOX 0220 Komponente B

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

1.1. Product identifier

Trade name/designation:

EUROPOX 0220 Komponente B

Article No.:

4002200000EBXXX

UFI:

P8E7-J9MW-GW31-MCJ9

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

Use of the substance/mixture:

Binder

Relevant identified uses:

Sector of uses [SU]

SU 19: Building and construction work

1.3. Details of the supplier of the safety data sheet

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

Euroteam Bauchemie GmbH

An der Mühle 1
15345 Altlandsberg
Germany

Telephone: +49 (0) 33438 14790

Telefax: +49 (0) 33438 147929

E-mail: info@euroteam-bauchemie.de

Website: www.euroteam-bauchemie.de

E-mail (competent person): info@euroteam-bauchemie.de

1.4. Emergency telephone number

Labor, Montag - Donnerstag 7:00 - 15:00; Freitag 7:00 - 12:00 +49 (0) 33438 1479 25 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 2/13

EUROPOX 0220 Komponente B

2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark



GHS09

Environment

Signal word: Warning

Hazard components for labelling:

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-(2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl)oxirane; 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

Hazard statements for health hazards

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Hazard statements for environmental hazards

H411	Toxic to aquatic life with long lasting effects.
------	--

Supplemental hazard information: none

Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....

Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of water/....
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.

Precautionary statements Disposal

P501	Dispose of contents/container to Appropriate disposal.
------	--

2.3. Other hazards

Adverse human health effects and symptoms:

The substance/mixture does not contain any constituents that are required under REACH Article 57(f) or the delegated

Commission Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 have endocrine disrupting properties in quantities equal to or greater than 0,1 %.

Adverse environmental effects:

This substance/mixture does not contain components in concentrations of 0.1% or higher that are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals







Page 3/13

EUROPOX 0220 Komponente B

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
EC No.: 701-263-0 REACH No.: 01-2119454392-40-XXXX	Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane Aquatic Chronic 2 (H411), Skin Irrit. 2 (H315), Skin Sens. 1A (H317)   Warning	75 weight-%
CAS No.: 1675-54-3 EC No.: 216-823-5 REACH No.: 01-2119456619-26	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane Aquatic Chronic 2 (H411), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317)   Warning	25 - 25 weight-%

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

Self-protection of the first aider:

Use personal protection equipment.

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

Skin corrosion/irritation Allergic reactions Serious eye damage/eye irritation

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Foam,,,

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO₂), Carbon monoxide, halogenated hydrocarbons

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 4/13

EUROPOX 0220 Komponente B

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety. Provide adequate ventilation.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). Do not breathe mist/vapours/spray. Provide adequate ventilation as well as local exhaustion at critical locations.

Fire prevent measures:

No special fire protection measures are necessary.

Environmental precautions:

Do not allow to enter into soil/subsoil.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels:

Keep/Store only in original container. Provide for retaining containers, e.g. floor pan without outflow.

Hints on storage assembly:

Do not store together with: Food and feedingstuffs

Storage class (TRGS 510, Germany): 10 - Combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 5/13

EUROPOX 0220 Komponente B

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	29.39 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	104.15 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	4.93 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.87 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.75 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.0893 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects

Substance name	PNEC Value	① PNEC type
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	0.003 mg/L	① PNEC aquatic, freshwater
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	0.0003 mg/L	① PNEC aquatic, marine water

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 6/13

EUROPOX 0220 Komponente B

Substance name	PNEC Value	① PNEC type
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	10 mg/L	① PNEC sewage treatment plant
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	0.294 mg/kg	① PNEC sediment, freshwater
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	0.029 mg/kg	① PNEC sediment, marine water
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	0.237 mg/kg	① PNEC soil
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane EC No.: 701-263-0	0.025 mg/L	① PNEC aquatic, intermittent release
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.006 mg/L	① PNEC aquatic, freshwater
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.001 mg/L	① PNEC aquatic, marine water
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	10 mg/L	① PNEC sewage treatment plant
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.341 mg/kg	① PNEC sediment, freshwater
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.034 mg/kg	① PNEC sediment, marine water

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 7/13

EUROPOX 0220 Komponente B

Substance name	PNEC Value	① PNEC type
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	0.065 mg/kg	① PNEC soil
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	11 mg/kg	① PNEC secondary poisoning

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374. Suitable material: FKM (fluoro rubber), NBR (Nitrile rubber), PVC (polyvinyl chloride). Thickness of the glove material: $\geq 0,5$ mm. In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration. 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. Check leak tightness/impermeability prior to use. Breakthrough time: min

Respiratory protection:

(Combination filtering device (EN 14387)). If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Other protection measures:

Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Apply skin care products after work. Wear protective gloves/protective clothing.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: not determined

Odour: not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Violent reaction with: Oxidizing agent, Alkali (lye), Amines, Acids

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 8/13

EUROPOX 0220 Komponente B

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane EC No.: 701-263-0

LD₅₀ oral: >5,000 mg/kg (Rat)

LD₅₀ dermal: >2,000 mg/kg (Rat)

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3
EC No.: 216-823-5

LD₅₀ oral: 15,000 mg/kg (Rat)

LD₅₀ dermal: 23,000 mg/kg (Rabbit)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity:

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

Carcinogenicity:

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.

Additional information:

The product has not been tested. The statement is derived from the properties of the single components.
No data available

11.2. Information on other hazards

Endocrine disrupting properties:

The substance/mixture does not contain any constituents that are required under REACH Article 57(f) or the delegated

Commission Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 have endocrine disrupting properties in quantities equal to or greater than 0,1 %.

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 9/13

EUROPOX 0220 Komponente B

SECTION 12: Ecological information

12.1. Toxicity

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane EC No.: 701-263-0
LC₅₀: 2.54 mg/L 4 d (fish)
LC₅₀: 2.55 mg/L 2 d (crustaceans, Daphnia magna)
LC₅₀: 1.8 mg/L 3 d (Algae/water plant, Scenedesmus capricornutum)
EC₅₀: 2.55 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))
EC₅₀: 1.8 mg/L 3 d (Algae/water plant)
EC₅₀: 2.54 mg/L 4 d (fish, Leuciscus idus)
EC₅₀: >1.8 mg/L 3 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
NOEC: 0.3 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)
LOEC: 1 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5
LC₅₀: 2 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout))
LC₅₀: 2.7 mg/L 2 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA-660/3-75-009
LC₅₀: 1.8 mg/L 3 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA-660/3-75-009
LC₅₀: 1.2 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA-660/3-75-009
LC₅₀: 2.7 mg/L 2 d (crustaceans, Daphnia magna) EPA-660/3-75-009
EC₅₀: 1.8 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))
EC₅₀: 11 mg/L 3 d (Algae/water plant, Scenedesmus capricornutum)
EC₅₀: 9.1 mg/L 2 d (Algae/water plant, Scenedesmus capricornutum) EPA-660/3-75-009
EC₅₀: 9.4 mg/L 3 d (Algae/water plant, Scenedesmus capricornutum) EPA-660/3-75-009
EC₅₀: 1.1 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
NOEC: 0.3 mg/L 21 d (Algae/water plant, Daphnia magna) OECD 211
NOEC: 2.4 mg/L 3 d (Algae/water plant, Scenedesmus capricornutum) EPA-660/3-75-009
NOEC: 0.3 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)
ErC₅₀: 11 mg/L 3 d (Algae/water plant, Selenastrum capricornutum)
LOEC: 1 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)

Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane EC No.: 701-263-0
Biodegradation: Yes, slowly
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5
Biodegradation: Yes, slowly

Biodegradation:

Poorly biodegradable.

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 10/13

EUROPOX 0220 Komponente B

12.3. Bioaccumulative potential

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane EC No.: 701-263-0

Log K_{ow}: 3.3

Bioconcentration factor (BCF): 150

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3
EC No.: 216-823-5

Log K_{ow}: 2.64

Bioconcentration factor (BCF): 31

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane EC No.: 701-263-0

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3
EC No.: 216-823-5

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

This substance/mixture does not contain components in concentrations of 0.1% or higher that are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6. Endocrine disrupting properties

The substance/mixture does not contain any constituents that are required under REACH Article 57(f) or the delegated

Commission Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 have endocrine disrupting properties in quantities equal to or greater than 0,1 %.

12.7. Other adverse effects

Do not allow uncontrolled discharge of product into the environment. The product has not been tested. The statement is derived from the properties of the single components.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

08 02 99	Wastes not otherwise specified
----------	--------------------------------

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 3082	UN 3082	UN 3082	UN 3082

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

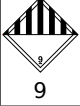
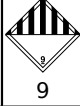
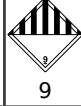
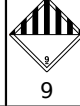




Version: 2

EUROTEAM
construction chemicals



Page 11/13

EUROPOX 0220 Komponente B

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F-Diglycidylether, Reaktionsmasse der Isomere, bis-[4-(2,3-epoxypropoxy)phenyl]propanol)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F-Diglycidylether, Reaktionsmasse der Isomere, bis-[4-(2,3-epoxypropoxy)phenyl]propanol)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F-Diglycidylether, Reaktionsmasse der Isomere, bis-[4-(2,3-epoxypropoxy)phenyl]propanol)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F-Diglycidylether, Reaktionsmasse der Isomere, bis-[4-(2,3-epoxypropoxy)phenyl]propanol)
14.3. Transport hazard class(es)			
 9	 9	 9	 9
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
		 MARINE POLLUTANT	
14.6. Special precautions for user			
Special Provisions: 274 335 375 601 Limited quantity (LQ): 5 L Excepted Quantities (EQ): E1 Hazard identification number (Kemler No.): 90 Classification code: M6 Tunnel restriction code: (-)	Special Provisions: 274 335 375 601 Limited quantity (LQ): 5 L Excepted Quantities (EQ): E1 Classification code: M6	Special Provisions: 274 335 969 Limited quantity (LQ): 5 L Excepted Quantities (EQ): E1 EmS-No.: F-A, S-F	Special Provisions: A97 A158 A197 A215 Limited quantity (LQ): Y964 Excepted Quantities (EQ): E1

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

Do not sell or give to persons under the age of 18 years. Observe employment restrictions according to the Act on the Protection of Mothers at Work, in Training and in Studies (Maternity Protection Act - MuSchG). Observe employment restrictions according to the Law for the protection of working youth (Protection of Young Persons Act - JArbSchG). People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this mixture.

Water hazard class

WGK:

2 - obviously hazardous to water

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 12/13

EUROPOX 0220 Komponente B

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC ₅₀	Effective Concentration 50%
EN	European Standard
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
KG	body weight
LC ₅₀	Lethal (fatal) Concentration 50%
LD ₅₀	Lethal (fatal) Dose 50%
NFPA	National Fire Protection Association
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SU	use category
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

16.3. Key literature references and sources for data

Substance name	Type	source of supply
Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane EC No.: 701-263-0	Classification of the substance or mixture; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane CAS No.: 1675-54-3 EC No.: 216-823-5	LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.

SAFETY DATA SHEET

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

Revision date: 6 Feb 2024

Print date: 6 Feb 2024

Version: 2

EUROTEAM
construction chemicals



Page 13/13

EUROPOX 0220 Komponente B

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

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

Hazard statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available