

SAFETY DATA SHEET



Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2020/878

TIRE PASTE

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

1.1. Product identifier

Product name : TIRE PASTE
Registration number REACH : Not applicable (mixture)
Product type REACH : Mixture

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

1.2.1 Relevant identified uses

Adhesive

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet

Supplier of the safety data sheet

Novatio*
Industrielaan 5B
B-2250 Olen
☎ +32 14 25 76 40
✉ +32 14 22 02 66
info@novatio.be
*NOVATIO is a registered trademark of Novatech International N.V.

Manufacturer of the product

Novatech International N.V.
Industrielaan 5B
B-2250 Olen
☎ +32 14 85 97 37
✉ +32 14 85 97 38
info@novatech.be

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch) :
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name REACH Registration No | CAS No EC No | Conc. (C) | Classification according to CLP | Note | Remark | M-factors and ATE |
|--|-----------------------|-----------|---------------------------------|------------|-------------|----------------------|
| 2,2'-oxybisethanol 01-2119457857-21 | 111-46-6 203-872-2 | 1%<C<5% | Acute Tox. 4; H302 | (1)(2)(10) | Constituent | |

- (1) For H- and EUH-statements in full: see section 16
(2) Substance with a Community workplace exposure limit
(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

If you feel unwell, consult a doctor/medical service.

After inhalation:

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

After skin contact:

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water.

After eye contact:

Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

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

4.2.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

ON CONTINUOUS EXPOSURE/CONTACT: Tingling/irritation of the skin.

After eye contact:

Slight irritation.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO2 extinguisher.

Major fire: Class B foam (alcohol-resistant), Water spray if puddle cannot expand.

5.1.2 Unsuitable extinguishing media:

Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion.

Major fire: Water; risk of puddle expansion.

5.2. Special hazards arising from the substance or mixture

In case of fire: possible release of toxic/corrosive gases/vapours.

5.3. Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames. Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors and windows.

6.1.1 Protective equipment for non-emergency personnel

See section 8.2

6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034).

Suitable protective clothing

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See section 8.2

6.2. Environmental precautions

Contain released product.

6.3. Methods and material for containment and cleaning up

Cover the solid spill with inert absorbent material. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4. Reference to other sections

See section 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Meet the legal requirements. Store in a cool area. Store in a dry area. Keep only in the original container. Max. storage time: 1 year(s).

7.2.2 Keep away from:

Heat sources.

7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

Germany

| | | |
|-------------------|---|--------------------------|
| 2,2'-Oxydiethanol | Time-weighted average exposure limit 8 h (TRGS 900) | 10 ppm (1) |
| | Time-weighted average exposure limit 8 h (TRGS 900) | 44 mg/m ³ (1) |
| | Summe aus Dampf und Aerosolen. | |

(1) UF: 4 (II)

Austria

| | | |
|-----------------|-------------------------------|-----------------------|
| Diethylenglykol | Tagesmittelwert (MAK) | 10 ppm |
| | Tagesmittelwert (MAK) | 44 mg/m ³ |
| | Kurzzeitwert 15(Miw) 4x (MAK) | 40 ppm |
| | Kurzzeitwert 15(Miw) 4x (MAK) | 176 mg/m ³ |

UK

| | | |
|-------------------|---|-----------------------|
| 2,2'-Oxydiethanol | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 23 ppm |
| | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 101 mg/m ³ |

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

| Product name | Test | Number |
|-------------------|-------|--------|
| Diethylene Glycol | NIOSH | 5523 |

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 Threshold values

DNEL/DMEL - Workers

2,2'-oxybisethanol

| Effect level (DNEL/DMEL) | Type | Value | Remark |
|--------------------------|---------------------------------------|----------------------|--------|
| DNEL | Long-term systemic effects inhalation | 44 mg/m ³ | |
| | Long-term local effects inhalation | 60 mg/m ³ | |
| | Long-term systemic effects dermal | 43 mg/kg bw/day | |

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DNEL/DMEL - General population

2,2'-oxybisethanol

| Effect level (DNEL/DMEL) | Type | Value | Remark |
|--------------------------|---------------------------------------|----------------------|--------|
| DNEL | Long-term systemic effects inhalation | 12 mg/m ³ | |
| | Long-term local effects inhalation | 12 mg/m ³ | |
| | Long-term systemic effects dermal | 21 mg/kg bw/day | |

PNEC

2,2'-oxybisethanol

| Compartment | Value | Remark |
|-------------------------------------|------------------------|--------|
| Fresh water | 10 mg/l | |
| Fresh water (intermittent releases) | 10 mg/l | |
| Marine water | 1 mg/l | |
| STP | 199.5 mg/l | |
| Fresh water sediment | 20.9 mg/kg sediment dw | |
| Marine water sediment | 2.09 mg/kg sediment dw | |
| Soil | 1.53 mg/kg soil dw | |

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

a) Respiratory protection:

Respiratory protection not required in normal conditions.

b) Hand protection:

Protective gloves against chemicals (EN 374).

| Materials | Remark |
|--------------------|-----------------|
| rubber | Good resistance |
| synthetic material | Good resistance |

c) Eye protection:

Eye protection not required in normal conditions.

d) Skin protection:

Protective clothing (EN 14605 or EN 13034).

8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|-------------------------------------|
| Physical form | Paste |
| Colour | White or black |
| Odour | Mild odour |
| Odour threshold | No data available in the literature |
| Melting point | 50 °C |
| Boiling point | No data available in the literature |
| Flammability | Not classified as flammable |
| Explosion limits | No data available in the literature |
| Flash point | 240 °C ; Open cup ; DIN 51376 |
| Auto-ignition temperature | 400 °C ; DIN 51794 |
| Decomposition temperature | No data available in the literature |
| pH | 8 ; 20 °C |
| Kinematic viscosity | No data available in the literature |
| Dynamic viscosity | No data available in the literature |
| Solubility | Water ; miscible |
| Log Kow | Not applicable (mixture) |
| Vapour pressure | No data available in the literature |
| Absolute density | 1060 kg/m ³ ; 20 °C |
| Relative density | 1.06 ; 20 °C |
| Relative vapour density | No data available in the literature |
| Particle size | No data available in the literature |

9.2. Other information

No data available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Heating increases the fire hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Precautionary measures

Keep away from naked flames/heat.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

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

11.1.1 Test results

Acute toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Route of exposure | Parameter | Method | Value | Exposure time | Species | Value determination | Remark |
|----------------------|-----------|--------|----------------|---------------|---------------------|---------------------|------------------------------------|
| Oral | LD50 | | 16500 mg/kg bw | | Rat (male / female) | Experimental value | |
| Oral | | | category 4 | | | Annex VI | |
| Dermal | LD50 | | 13300 mg/kg bw | | Rabbit | Experimental value | |
| Inhalation (aerosol) | LC50 | | > 4.6 mg/l air | 4 h | Rat | Experimental value | (maximum achievable concentration) |

Conclusion

Not classified for acute toxicity

Corrosion/irritation

TIRE PASTE

No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Route of exposure | Result | Method | Exposure time | Time point | Species | Value determination | Remark |
|--------------------------------|----------------|----------|---------------|------------|-------------------------------|---------------------|----------------------------------|
| Eye | Not irritating | | 24 h | 24 hours | Rabbit | Weight of evidence | Single treatment without rinsing |
| Not applicable (in vitro test) | Not irritating | OECD 439 | 24 h | | Reconstructed human epidermis | Experimental value | |

Conclusion

Not classified as irritating to the skin

Not classified as irritating to the eyes

Not classified as irritating to the respiratory system

Respiratory or skin sensitisation

TIRE PASTE

No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Route of exposure | Result | Method | Exposure time | Observation time point | Species | Value determination | Remark |
|-------------------|-----------------|---------------|---------------|------------------------|---------------------|---------------------|--------|
| Skin | Not sensitizing | EU Method B.6 | | | Guinea pig (female) | Experimental value | |

Conclusion

Not classified as sensitizing for inhalation

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Not classified as sensitizing for skin

Specific target organ toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Route of exposure | Parameter | Method | Value | Organ/Effect | Exposure time | Species | Value determination | Remark |
|-------------------|-----------|--------------------------|-------------------|--------------------|-----------------|---------------------|---------------------|--------|
| Oral (diet) | NOAEL | Subchronic toxicity test | 128 mg/kg bw/day | Kidney (no effect) | 225 day(s) | Rat (male / female) | Experimental value | |
| Dermal | NOAEL | OECD 410 | 2220 mg/kg bw/day | Kidney (no effect) | 4 weeks (daily) | Dog (male) | Experimental value | |
| Inhalation | | | | | | | Data waiving | |

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

TIRE PASTE

No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Result | Method | Test substrate | Effect | Value determination | Remark |
|---|------------------------|---------------------------------------|--------|---------------------|--------|
| Negative with metabolic activation, negative without metabolic activation | OECD 471 | Bacteria (S. typhimurium and E. coli) | | Experimental value | |
| Negative with metabolic activation, negative without metabolic activation | Equivalent to OECD 473 | Chinese hamster ovary (CHO) | | Experimental value | |

Mutagenicity (in vivo)

TIRE PASTE

No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Result | Method | Exposure time | Test substrate | Organ/Effect | Value determination | Remark |
|----------------------------|----------|---------------|----------------|-------------------------|---------------------|----------------------------------|
| Negative (Intraperitoneal) | OECD 474 | | Mouse (male) | Bone marrow (no effect) | Experimental value | Single intraperitoneal injection |

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

TIRE PASTE

No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| Route of exposure | Parameter | Method | Value | Organ/Effect | Exposure time | Species | Value determination | Remark |
|-----------------------|-----------|-----------------------------|-------------------|------------------------|---------------|--------------|---------------------|--------|
| Oral (drinking water) | NOAEL | Carcinogenic toxicity study | 1210 mg/kg bw/day | No carcinogenic effect | 108 week(s) | Rat (male) | Experimental value | |
| Oral (drinking water) | NOAEL | Carcinogenic toxicity study | 1160 mg/kg bw/day | No carcinogenic effect | 108 week(s) | Rat (female) | Experimental value | |

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

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2,2'-oxybisethanol

| Category | Parameter | Method | Value | Exposure time | Species | Effect | Value determination | Remark |
|--|-----------|----------|-------------------|---------------|-----------------------|-----------|---------------------|--------|
| Developmental toxicity (Oral (stomach tube)) | NOAEL | OECD 414 | 1000 mg/kg bw/day | 13 day(s) | Rabbit | No effect | Experimental value | |
| Maternal toxicity (Oral (stomach tube)) | NOAEL | OECD 414 | 1000 mg/kg bw/day | 13 day(s) | Rabbit | No effect | Experimental value | |
| Effects on fertility (Oral (drinking water)) | NOAEL | | 3060 mg/kg bw/day | | Mouse (male / female) | No effect | Experimental value | |

Conclusion

Not classified for reprotoxic or developmental toxicity

Aspiration hazard

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Judgement is based on the relevant ingredients
Not classified for aspiration toxicity

Toxicity other effects

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No (test)data on the mixture available

Chronic effects from short and long-term exposure

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No effects known.

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

TIRE PASTE

No (test)data on the mixture available

Judgement is based on the relevant ingredients

2,2'-oxybisethanol

| | Parameter | Method | Value | Duration | Species | Test design | Fresh/salt water | Value determination |
|---|-----------|------------------|--------------|-----------|---------------------------------|---------------------|------------------|--------------------------------------|
| Acute toxicity fishes | LC50 | | 75200 mg/l | 96 h | Pimephales promelas | Flow-through system | | Experimental value; Lethal |
| Acute toxicity crustacea | EC50 | DIN 38412-11 | > 10000 mg/l | 24 h | Daphnia magna | Static system | Fresh water | Experimental value; Locomotor effect |
| Toxicity algae and other aquatic plants | NOEC | OECD 201 | > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | Static system | Fresh water | Experimental value; Growth rate |
| | EC50 | ECOSAR | 9362 mg/l | 96 h | Algae | | | QSAR |
| Long-term toxicity fish | NOEC | EPA 600/4-89/001 | 32000 mg/l | 7 day(s) | Pimephales promelas | Semi-static system | Fresh water | Experimental value; Lethal |
| Long-term toxicity aquatic crustacea | NOEC | ASTM | > 15000 mg/l | 21 day(s) | Daphnia magna | Static system | Fresh water | Experimental value; Reproduction |
| Toxicity aquatic micro-organisms | EC50 | | 2500 mg/l | 24 h | Activated sludge | | | Literature study |

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

2,2'-oxybisethanol

Biodegradation water

| Method | Value | Duration | Value determination |
|-----------|-----------------------------------|-----------|---------------------|
| OECD 301B | 70 mg/l - 80 mg/l; Carbon dioxide | 28 day(s) | Experimental value |

Conclusion

Water

Contains readily biodegradable component(s)

12.3. Bioaccumulative potential

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Log Kow

| Method | Remark | Value | Temperature | Value determination |
|--------|--------------------------|-------|-------------|---------------------|
| | Not applicable (mixture) | | | |

2,2'-oxybisethanol

BCF fishes

| Parameter | Method | Value | Duration | Species | Value determination |
|-----------|--------|----------|----------|---------------------|---------------------|
| BCF | | 100 l/kg | 3 day(s) | Leuciscus melanotus | Experimental value |

Log Kow

| Method | Remark | Value | Temperature | Value determination |
|--------|--------|-------|-------------|---------------------|
| | | -1.98 | | Calculated |

Conclusion

Does not contain bioaccumulative component(s)

12.4. Mobility in soil

2,2'-oxybisethanol

(log) Koc

| Parameter | Method | Value | Value determination |
|-----------|-------------------|-------|---------------------|
| Koc | SRC PCKOCWIN v2.0 | 1 | QSAR |
| log Koc | SRC PCKOCWIN v2.0 | 0 | QSAR |

Percent distribution

| Method | Fraction air | Fraction biota | Fraction sediment | Fraction soil | Fraction water | Value determination |
|----------------|--------------|----------------|-------------------|---------------|----------------|---------------------|
| Mackay level I | | | | 0 % | 100 % | Calculated value |

Conclusion

Contains component(s) with potential for mobility in the soil

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

12.7. Other adverse effects

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Greenhouse gases

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

Groundwater

Groundwater pollutant

2,2'-oxybisethanol

Groundwater

Groundwater pollutant

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Contains no organic halogen which may add to the AOX value. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

No data available

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number/ID number

| | |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

14.2. UN proper shipping name

14.3. Transport hazard class(es)

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| | | |
|---|--|---|
| | Hazard identification number | |
| | Class | |
| | Classification code | |
| 14.4. Packing group | | |
| | Packing group | |
| | Labels | |
| 14.5. Environmental hazards | | |
| | Environmentally hazardous substance mark | no |
| 14.6. Special precautions for user | | |
| | Special provisions | |
| | Limited quantities | |
| 14.7. Maritime transport in bulk according to IMO instruments | | |
| | Annex II of MARPOL 73/78 | Not applicable, based on available data |

SECTION 15: Regulatory information

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

European legislation:

VOC content Directive 2010/75/EU

| VOC content | Remark |
|-------------|--------|
| 0 % | |

Directive 2012/18/EU (Seveso III)

Not subject to registration according to Directive 2012/18/EU (Seveso III)

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

| | Designation of the substance, of the group of substances or of the mixture | Conditions of restriction |
|----------------------|--|--|
| · 2,2'-oxybisethanol | Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1. | 1. Shall not be used in: — ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, — tricks and jokes, — games for one or more participants, or any article intended to be used as such, even with ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: — can be used as fuel in decorative oil lamps for supply to the general public, and, — present an aspiration hazard and are labelled with H304, 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN). 5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life- threatening lung damage"; b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. |

National legislation Belgium

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No data available

National legislation The Netherlands

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| | |
|----------------------|---|
| Waterbezwaarlijkheid | B (5); Algemene Beoordelingsmethodiek (ABM) |
|----------------------|---|

National legislation France

TIRE PASTE

No data available

National legislation Germany

TIRE PASTE

| | |
|---------------------------------------|--|
| WGK | 1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017 |
| 2,2'-oxybisethanol | |
| TA-Luft | 5.2.5 |
| TRGS900 - Risiko der Fruchtschädigung | 2,2'-Oxydiethanol; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes nicht befürchtet zu werden |

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National legislation Austria

TIRE PASTE

No data available

National legislation United Kingdom

TIRE PASTE

No data available

Other relevant data

TIRE PASTE

No data available

15.2. Chemical safety assessment

No chemical safety assessment is required for a mixture.

SECTION 16: Other information

Full text of any H- and EUH-statements referred to under section 3:

H302 Harmful if swallowed.

EUH210 Safety data sheet available on request.

| | |
|--------------|---|
| (*) | INTERNAL CLASSIFICATION BY BIG |
| ADI | Acceptable daily intake |
| AOEL | Acceptable operator exposure level |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration Factor |
| BEI | Biological Exposure Indices |
| CLP (EU-GHS) | Classification, labelling and packaging (Globally Harmonised System in Europe) |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No Effect Level |
| EC10 | Effect Concentration 10 % |
| EC50 | Effect Concentration 50 % |
| ErC50 | EC50 in terms of reduction of growth rate |
| GLP | Good Laboratory Practice |
| LC0 | Lethal Concentration 0 % |
| LC50 | Lethal Concentration 50 % |
| LD50 | Lethal Dose 50 % |
| LOAEC/LOAEL | Lowest Observed Adverse Effect Concentration/Lowest Observed Adverse Effect Level |
| NOAEC/NOAEL | No Observed Adverse Effect Concentration/No Observed Adverse Effect Level |
| NOEC/NOEL | No Observed Effect Concentration/No Observed Effect Level |
| OECD | Organisation for Economic Co-operation and Development |
| PBT | Persistent, Bioaccumulative & Toxic |
| PNEC | Predicted No Effect Concentration |
| STP | Sludge Treatment Process |
| vPvB | very Persistent & very Bioaccumulative |

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