SAFETY DATA SHEET

novatio

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

XPR-100

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

1.1. Product identifier

| Product name | : XPR-100 |
|---------------------------|------------------------------|
| Registration number REACH | : 01-2119969502-33 |
| Product type REACH | : Substance/mono-constituent |
| CAS number | : 4431-83-8 |
| EC number | : 224-631-8 |
| Molecular mass | : 164.20 g/mol |
| Formula | : C7H16O4 |

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

1.2.1 Relevant identified uses

Solvent

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

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

2.3. Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances

| Name | | Conc. (C) | Classification according to CLP | Note | | M-factors and |
|---------------------------|-----------|-----------|---------------------------------|------|------------------|---------------|
| REACH Registration No | EC No | | | | | ATE |
| 2,5,7,10-tetraoxaundecane | 4431-83-8 | C>99 % | | | Mono-constituent | |
| 01-2119969502-33 | 224-631-8 | | | | | |

3.2. Mixtures

Not applicable

Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG) Technische Schoolstraat 43 A, B-2440 Geel http://www.big.be © BIG vzw Reason for revision: 3;9;12 Revision number: 0300 Publication date: 2013-02-08 Date of revision: 2022-06-13

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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: Not irritating. 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

Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

5.3.1 Instructions:

Cool tanks/drums with water spray/remove them into safety.

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.

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

See section 8.2

6.2. Environmental precautions

Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into inert absorbent material. Scoop absorbed substance 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.

Reason for revision: 3;9;12

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

At temperature > flashpoint: use spark-/explosionproof appliances. Keep away from naked flames/heat. In finely divided state: use spark-/ explosionproof appliances. Finely divided: keep away from ignition sources/sparks. 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 dark area.

7.2.2 Keep away from:

- Heat sources, oxidizing agents, (strong) acids.
- 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.

b) National biological limit values

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

8.1.2 Sampling methods

If applicable and available it will be listed below.

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

| Effect level (DNEL/DMEL) | Туре | Value | Remark |
|--------------------------|---------------------------------------|-------------------|--------|
| DNEL | Long-term systemic effects inhalation | 11.75 mg/m³ | |
| | Long-term systemic effects dermal | 1.67 mg/kg bw/day | |

DNEL/DMEL - General population

| Effect level (DNEL/DMEL) | Туре | Value | Remark |
|--------------------------|---------------------------------------|-------------------|--------|
| DNEL | Long-term systemic effects inhalation | 2.9 mg/m³ | |
| | Long-term systemic effects dermal | 0.83 mg/kg bw/day | |
| | Long-term systemic effects oral | 0.83 mg/kg bw/day | |

PNEC

| Compartments | Value | Remark |
|-----------------------|--------------------------|--------|
| Fresh water | 62.54 mg/l | |
| Marine water | 6.25 mg/l | |
| STP | 10 mg/l | |
| Fresh water sediment | 234.64 mg/kg sediment dw | |
| Marine water sediment | 23.46 mg/kg sediment dw | |
| Soil | 542.67 μg/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

At temperature > flashpoint: use spark-/explosionproof appliances. Keep away from naked flames/heat. In finely divided state: use spark-/ explosionproof appliances. Finely divided: keep away from ignition sources/sparks. 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:

Reason for revision: 3;9;12

| Protective gloves against chemicals (EN 374). | | | | | | | | |
|---|--------------|-------------------------------|--------|------------------|--------|--|--|--|
| | | Measured breakthrough time | | Protection index | Remark | | | |
| | butyl rubber | > 480 minutes | 0.7 mm | Class 6 | | | | |
| | | | | | | | | |

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

See Seedon's 0.2, 0.5 and 15

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical form | Liquid | | | |
|---------------------------|---|--|--|--|
| Odour | Characteristic odour | | | |
| Odour threshold | No data available in the literature | | | |
| Colour | Colourless | | | |
| Translucency | Clear | | | |
| Particle size | Not applicable (liquid) | | | |
| Explosion limits | 0.6 - 38.2 vol % | | | |
| Flammability | Not classified as flammable | | | |
| Log Kow | -0.69 ; Experimental value ; OECD 107 ; 22 °C | | | |
| Dynamic viscosity | 1 mPa.s ; 20 °C | | | |
| Kinematic viscosity | 1.532 mm²/s ; 25 °C | | | |
| | 1 mm²/s ; 40 °C | | | |
| Melting point | < -65 °C | | | |
| Boiling point | 202 °C ; 1013 hPa | | | |
| Relative vapour density | No data available in the literature | | | |
| Vapour pressure | 0.22 hPa ; 25 °C | | | |
| Solubility | Water ; 100 g/100 ml ; 25 °C | | | |
| Relative density | 1.00 ; 20 °C | | | |
| Absolute density | 995 kg/m³ ; 20 °C | | | |
| Decomposition temperature | No data available in the literature | | | |
| Auto-ignition temperature | 210 °C ; 1013 hPa ; ASTM E659-78 | | | |
| Flash point | 88 °C ; Closed cup ; 1013 hPa ; ASTM D93 | | | |
| pH | No data available in the literature | | | |

9.2. Other information

| Surface tension 31.5 mN/m ; 25 °C | |
|-----------------------------------|--|

SECTION 10: Stability and reactivity

10.1. Reactivity

Temperature above flashpoint: higher fire/explosion 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

At temperature > flashpoint: use spark-/explosionproof appliances. Keep away from naked flames/heat. In finely divided state: use spark-/ explosionproof appliances. Finely divided: keep away from ignition sources/sparks.

10.5. Incompatible materials

Oxidizing agents, (strong) acids.

10.6. Hazardous decomposition products

Upon combustion: CO and CO2 are formed.

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

Reason for revision: 3;9;12

<u>XPR-100</u>

| Route of exposure | Parameter | Method | Value | Exposure time | Species | Value | Remark |
|-------------------|-----------|----------|-----------------|---------------|------------------------|--------------------|--------|
| | | | | | | determination | |
| Oral | LD50 | OECD 423 | > 5000 mg/kg bw | | Rat (female) | Experimental value | |
| Skin | LD50 | OECD 402 | > 2000 mg/kg bw | | Rat (male / female) | Experimental value | |
| Inhalation | | | | | | Data waiving | |

Conclusion Not classified for acute toxicity

Corrosion/irritation

XPR-100

| Route of exposure | Result | Method | Exposure time | Time point | Species | Value | Remark |
|-------------------|---------------------|----------|---------------|---------------------|---------|-----------------------|-------------------------------------|
| | | | | | | determination | |
| Eye | Slightly irritating | OECD 405 | | 1; 24; 48; 72 hours | Rabbit | | Single treatment without rinsing |
| Skin | Not irritating | OECD 404 | 4 h | 1; 24; 48; 72 hours | Rabbit | 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

<u>XPR-100</u>

| I | Route of exposure | Result | Method | • | Observation time point | Species | Value determination | Remark |
|---|-------------------------|-----------------|-----------|---|---------------------------|----------------|---------------------|--------|
| | Dermal (on the ears) | Not sensitizing | OECD 442B | | | Mouse (female) | Experimental value | |

Conclusion

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

Specific target organ toxicity

<u>XPR-100</u>

| Route of exposure | Parameter | Method | Value | Organ | Effect | Exposure time | Species | Value determination |
|-------------------|-----------|----------|----------------------------------|-------|-----------|---------------|---------------------------|---------------------|
| Oral | | | | | | | | Data waiving |
| Dermal | NOAEL | OECD 410 | 1000 mg/kg bw/day | | | | Rabbit (male / female) | Experimental value |
| Inhalation | NOAEC | | 3127.89 mg/m ³ air | | No effect | 13 week(s) | Rat | Read-across |

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

XPR-100

| Result | Method | Test substrate | Effect | Value determination | Remark |
|--|----------|--|-----------|---------------------|--------|
| Negative with metabolic activation, negative without metabolic activation | OECD 471 | Bacteria (S. typhimurium and E. coli) | No effect | Experimental value | |
| Negative with metabolic activation, negative without metabolic activation | OECD 476 | Mouse (lymphoma L5178Y cells) | No effect | Experimental value | |

Mutagenicity (in vivo)

XPR-100 No (test)data available

<u>Conclusion</u> Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

XPR-100

No (test)data available

<u>Conclusion</u> Not classified for carcinogenicity

Reason for revision: 3;9;12

Reproductive toxicity

<u>XPR-100</u>

| | Parameter | Method | Value | Exposure time | Species | Effect | - 0. | Value determination |
|----------------------------------|-----------|----------------------------------|-------|---------------|---------|-----------|------|------------------------|
| Developmental toxicity (Oral) | NOAEL | Developmenta I toxicity study | 0.0 | | Rat | No effect | | Read-across |
| Maternal toxicity (Oral) | NOAEL | Developmenta I toxicity study | 0.0 | | Rat | No effect | | Read-across |
| Effects on fertility | | | | | | | | Data waiving |

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

XPR-100

No (test)data available

Chronic effects from short and long-term exposure

XPR-100

No effects known.

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

<u>XPR-100</u>

| | Parameter | Method | Value | Duration | Species | Test design | Fresh/salt water | Value determination |
|---|-----------|----------|------------|-----------|----------------------------|------------------|---------------------|---|
| Acute toxicity fishes | LC50 | OECD 203 | > 100 mg/l | 96 h | Poecilia reticulata | Static system | Fresh water | Experimental value; Nominal concentration |
| Acute toxicity crustacea | EC50 | OECD 202 | > 100 mg/l | 48 h | Daphnia magna | Static system | Fresh water | Experimental value; Nominal concentration |
| Toxicity algae and other aquatic plants | ErC50 | OECD 201 | > 100 mg/l | 72 h | Desmodesmus subspicatus | Static system | Fresh water | Experimental value; Nominal concentration |
| | NOEC | OECD 201 | < 100 mg/l | 72 h | Desmodesmus subspicatus | Static system | Fresh water | Experimental value; Growth rate |
| Long-term toxicity fish | NOEC | ECOSAR | > 1 mg/l | 30 day(s) | Pisces | | Fresh water | QSAR; Estimated value |
| Long-term toxicity aquatic crustacea | NOEC | ECOSAR | > 1 mg/l | 30 day(s) | Daphnia magna | | | QSAR; Estimated value |

Conclusion

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

12.2. Persistence and degradability

<u>XPR-100</u>

| В | iodegradation water | | | |
|---|---------------------|---------------------------|-----------|---------------------|
| | Method | Value | Duration | Value determination |
| | OECD 301D | 4.3 %; Oxygen consumption | 28 day(s) | Experimental value |

Conclusion

Water Not readily biodegradable in water

12.3. Bioaccumulative potential

XPR-100

Log Kow

| Method | Remark | Value | Temperature | Value determination |
|----------|--------|-------|-------------|---------------------|
| OECD 107 | | | 22 °C | Experimental value |

Conclusion

Not bioaccumulative

12.4. Mobility in soil

Reason for revision: 3;9;12

XPR-100

| () | (log) Koc | | | | | |
|----|-----------|-------------------|-------|---------------------|--|--|
| | Parameter | Method | Value | Value determination | | |
| | Кос | SRC PCKOCWIN v2.0 | 1.424 | Calculated value | | |
| | log Koc | | 0.154 | Calculated value | | |

Conclusion

Highly mobile in soil

12.5. Results of PBT and vPvB assessment

Substance does not meet the criteria of PBT, nor the criteria of vPvB according to Annex XIII of Regulation (EC) No 1907/2006, so is neither PBT nor vPvB.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

12.7. Other adverse effects

XPR-100

Greenhouse gases

Not 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)

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).

07 07 99 (wastes from the MFSU of fine chemicals and chemical products not otherwise specified: wastes not otherwise specified). 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. 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)

| 14.1. UN number | | |
|--|------------------------------|------|
| Transport | Not subject | |
| 14.2. UN proper shipping name | | |
| 14.3. Transport hazard class(es) | | |
| 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 | | |
| Rail (RID) 14. <u>1. UN number</u> | | |
| Transport | Not subject | |
| 14.2. UN proper shipping name | | |
| 14.3. Transport hazard class(es) | | |
| Hazard identification number | | |
| Class | | |
| Classification code | | |
| 14.4. Packing group | | |
| Packing group | | |
| Labels | | |
| 14.5. Environmental hazards | | |
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| sion number: 0300 | BIG number: 53478 | 7/9 |
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| | | XPR-100 | |
|--|---|--|---|
| Environmentally haza | rdous substance mark | no | |
| 14.6. Special precautions | | | |
| Special provisions | | | |
| Limited quantities | | | |
| Inland waterways (AD | N) | | |
| 14.1. UN number | | | |
| UN number | | 9003 | |
| 14.2. UN proper shipping | 2000 | 9003 | |
| Proper shipping name | | substances with a flash-point above 60 °C and not more tha | n |
| | - | 100 °C | |
| 14.3. Transport hazard cl | ass(es) | | |
| Class | | 9 | |
| Classification code | | M12 | |
| 14.4. Packing group | | | |
| Packing group | | | |
| Labels | | | |
| 14. <u>5. Environmental haza</u> | ards | | |
| | rdous substance mark | no | |
| 14.6. Special precautions | for user | | |
| Special provisions | | | |
| Limited quantities | | | |
| Specific mention | | Dangerous only when carried in tank vessels. | |
| Sea (IMDG/IMSBC) | | | |
| 14.1. UN number | | | |
| Transport | | Not subject | |
| 14.2. UN proper shipping | name | | |
| 14.3. Transport hazard cl | | | |
| Class | | | |
| 14.4. Packing group | | | |
| Packing group | | | |
| Labels | | | |
| 14. <u>5. Environmental haza</u> | ards | | |
| Marine pollutant | | | |
| Environmentally haza | rdous substance mark | no | |
| 14.6. Special precautions | for user | | |
| Special provisions | | | |
| Limited quantities | | | |
| 14.7. Maritime transport Annex II of MARPOL | in bulk according to IMO instruments 73/78 | Not applicable, based on available data | |
| Air (ICAO-TI/IATA-DGR | 3) | | |
| 14.1. UN number | | | |
| Transport | | Not subject | |
| 14.2. UN proper shipping | name | | |
| 14.3. Transport hazard cl | | | |
| Class | | | |
| 14.4. Packing group | | | |
| Packing group | | | |
| Labels | | | |
| 14.5. Environmental haza | | | |
| Environmentally haza | rdous substance mark | no | |
| 14.6. Special precautions | for user | | |
| Special provisions | | | |
| Passenger and cargo tr | | | |
| Limited quantities: m | aximum net quantity per packaging | | |
| | to much for sections | | |
| | tory information | | |
| 15.1. Safety, health and | l environmental regulations/legis | lation specific for the substance or mixture | |
| European legislation: | | | |
| VOC content Directive | 2010/75/EU | | |
| | | | |
| VOC content | | Remark | |
| 100 % | | | |
| 995 g/l | | | |
| Directive 2012/18/EU | | | |
| | | | |
| Not subject to regis | stration according to Directive 2012/18/EU |) (SEVESU (II) | |
| National legislation Belg | ium | | |
| No data available | | | |
| | | | |
| | | Dublication data, 2012 02 00 | |
| | | Publication date: 2013-02-08 | |
| | | Date of revision: 2022-06-13 | |
| ason for revision: 3;9;12 | | | |

National legislation The Netherlands

Waterbezwaarlijkheid B (4); Algemene Beoordelingsmethodiek (ABM)

National legislation France

No data available

National legislation Germany

| WGK | 1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017 |
|---------|--|
| TA-Luft | 5.2.5 |

National legislation Austria

No data available

National legislation United Kingdom

No data available

Other relevant data No data available

15.2. Chemical safety assessment

No chemical safety assessment has been conducted.

SECTION 16: Other information

| (4) | |
|--------------|--|
| (*) | INTERNAL CLASSIFICATION BY BIG |
| ADI | Acceptable daily intake |
| AOEL | Acceptable operator exposure level |
| ATE | Acute Toxicity Estimate |
| CLP (EU-GHS) | Classification, labelling and packaging (Globally Harmonised System in Europe) |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No Effect Level |
| EC50 | Effect Concentration 50 % |
| ErC50 | EC50 in terms of reduction of growth rate |
| LC50 | Lethal Concentration 50 % |
| LD50 | Lethal Dose 50 % |
| 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 |
| | |

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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