

PICO Amplification Core Kit

Kit cover sheet

Date of compilation: 2026-02-13

Composition/information on ingredients

Hazardous components (including safety data sheet)

| Components | Product number | Number of pieces | Classification acc. to. GHS | Pictograms | Page |
|------------|----------------|------------------|---|---|------|
| Additive L | PICO-000010 D | 5 | Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Aquatic Chronic 3 / H412 |  | 2-17 |

Ungefährliche Komponenten (kein Sicherheitsdatenblatt beigefügt)

| Components | Product number | Number of pieces |
|-------------------|----------------|------------------|
| Additive T | PICO-000010 A | 1 |
| Additive C | PICO-000010 B | 5 |
| BSA | PICO-000010 C | 5 |
| Coupling dPCR Mix | PICO-000010 E | 1 |

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Additive L

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SECTION 1: Identification

| | | |
|------------|---|--|
| 1.1 | Product identifier | |
| | Trade name | Additive L |
| | Article number | PICO-000010 D |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | |
| | Relevant identified uses | Professional use |
| 1.3 | Details of the supplier of the safety data sheet | |
| | PICO BioScience GmbH Georges-Köhler-Allee 103 79110 Freiburg Deutschland Telefon: +49 761 21630500 E-Mail: info@actome.de E-Mail (competent person) | info@actome.de |
| 1.4 | Emergency telephone number | |
| | Emergency information service | +49 761 21630500 This number is only available during the following office hours: Mon-Fri 09:00 am - 05:00 pm |

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SECTION 2: Hazard(s) identification

| 2.1 | <p>Classification of the substance or mixture Classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Hazard class</th> <th>Category</th> <th>Hazard class and category</th> <th>Hazard statement</th> </tr> </thead> <tbody> <tr> <td>A.2</td> <td>skin corrosion/irritation</td> <td>2</td> <td>Skin Irrit. 2</td> <td>H315</td> </tr> <tr> <td>A.3</td> <td>serious eye damage/eye irritation</td> <td>1</td> <td>Eye Dam. 1</td> <td>H318</td> </tr> </tbody> </table> <p>For full text of H-phrases: see SECTION 16</p> <p>The most important adverse physicochemical, human health and environmental effects Spillage and fire water can cause pollution of watercourses.</p> | Section | Hazard class | Category | Hazard class and category | Hazard statement | A.2 | skin corrosion/irritation | 2 | Skin Irrit. 2 | H315 | A.3 | serious eye damage/eye irritation | 1 | Eye Dam. 1 | H318 |
|---------------------|---|---------------|---------------------------|------------------|---------------------------|------------------|---|---------------------------|---|---------------|-------------------------|------|-----------------------------------|---|------------|------|
| Section | Hazard class | Category | Hazard class and category | Hazard statement | | | | | | | | | | | | |
| A.2 | skin corrosion/irritation | 2 | Skin Irrit. 2 | H315 | | | | | | | | | | | | |
| A.3 | serious eye damage/eye irritation | 1 | Eye Dam. 1 | H318 | | | | | | | | | | | | |
| 2.2 | <p>Label elements Labelling according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)</p> <table border="1"> <tr> <td>- signal word</td> <td>Danger</td> </tr> <tr> <td>- Pictograms</td> <td></td> </tr> <tr> <td>GHS05</td> <td></td> </tr> </table> <table border="1"> <tr> <td>- hazard statements</td> <td></td> </tr> <tr> <td>H315</td> <td>Causes skin irritation.</td> </tr> <tr> <td>H318</td> <td>Causes serious eye damage.</td> </tr> </table> | - signal word | Danger | - Pictograms | | GHS05 |  | - hazard statements | | H315 | Causes skin irritation. | H318 | Causes serious eye damage. | | | |
| - signal word | Danger | | | | | | | | | | | | | | | |
| - Pictograms | | | | | | | | | | | | | | | | |
| GHS05 |  | | | | | | | | | | | | | | | |
| - hazard statements | | | | | | | | | | | | | | | | |
| H315 | Causes skin irritation. | | | | | | | | | | | | | | | |
| H318 | Causes serious eye damage. | | | | | | | | | | | | | | | |

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| | | | | | | | | | | | | | |
|----------------|---|------|--|-----------|--|----------------|--|------|--|------|---|------|---|
| | <p>- precautionary statements</p> <table border="1"> <tbody> <tr> <td>P280</td> <td>Wear protective gloves/protective clothing/eye protection/face protection.</td> </tr> <tr> <td>P302+P352</td> <td>IF ON SKIN: Wash with plenty of water.</td> </tr> <tr> <td>P305+P351+P338</td> <td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td> </tr> <tr> <td>P310</td> <td>Immediately call a POISON CENTER/doctor.</td> </tr> <tr> <td>P321</td> <td>Specific Treatment (see on this label).</td> </tr> <tr> <td>P362</td> <td>Take off contaminated clothing and wash before reuse.</td> </tr> </tbody> </table> | P280 | Wear protective gloves/protective clothing/eye protection/face protection. | 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. | P310 | Immediately call a POISON CENTER/doctor. | P321 | Specific Treatment (see on this label). | P362 | Take off contaminated clothing and wash before reuse. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | |
| P310 | Immediately call a POISON CENTER/doctor. | | | | | | | | | | | | |
| P321 | Specific Treatment (see on this label). | | | | | | | | | | | | |
| P362 | Take off contaminated clothing and wash before reuse. | | | | | | | | | | | | |
| | <p>- hazardous ingredients for labelling</p> <p>Contains: Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl)phenyl ether.</p> | | | | | | | | | | | | |
| 2.3 | <p>Other hazards</p> <p>Hazards not otherwise classified</p> <p>May be harmful if swallowed (GHS category 5: acutely toxic - oral). Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and/or chronic).</p> <p>Results of PBT and vPvB assessment</p> <p>Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.</p> <p>Endocrine disrupting properties</p> <p>Contains an endocrine disruptor (ED) in a concentration of $\geq 0,1\%$. (Section 11 & 12).</p> | | | | | | | | | | | | |

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SECTION 3: Composition/information on ingredients

| | | | | | | |
|------------|--|-------------------|-------|---|--|-------|
| 3.1 | Substances Not relevant (mixture). | | | | | |
| 3.2 | Mixtures The product does not contain (other) ingredients which are classified according to present knowledge of the supplier and contribute to the classification of the product and hence require reporting in this section. | | | | | |
| | Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms | Notes |
| | Poly(oxyethylene) p-(1,1,3,3-tetraethylbutyl) phenyl ether | CAS-Nr. 9002-93-1 | 10-20 | Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 HNOC009 |  | |
| | Remarks All the percentages given are percentages by weight unless stated otherwise. For full text of H-phrases: see SECTION 16. | | | | | |

SECTION 4: First-aid measures

| | |
|------------|--|
| 4.1 | Description of first-aid measures General notes Do not leave affected person unattended. Remove victim out of the danger area. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. Following inhalation Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Following skin contact Wash with plenty of soap and water. Call a POISON CENTER/doctor. Following eye contact Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Following ingestion Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a POISON CENTER/doctor. |
| 4.2 | Most important symptoms and effects, both acute and delayed Symptoms and effects are not known to date. |
| 4.3 | Indication of any immediate medical attention and special treatment needed For specialist advice physicians should contact the poison centre. |

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SECTION 5: Fire-fighting measures

| | |
|------------|---|
| 5.1 | <p>Extinguishing media Suitable extinguishing media Water spray; Dry extinguishing powder; Carbon dioxide (CO₂); Coordinate firefighting measures to the fire surroundings.</p> <p>Unsuitable extinguishing media Water jet.</p> |
| 5.2 | <p>Special hazards arising from the substance or mixture Hazardous combustion products During fire hazardous fumes/smoke could be produced. Nitrogen oxides (NO_x). Carbon monoxide (CO). Carbon dioxide (CO₂).</p> |
| 5.3 | <p>Advice for firefighters In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.</p> <p>Special protective equipment for firefighters Self-contained breathing apparatus (SCBA). Standard protective clothing for firefighters.</p> |

SECTION 6: Accidental release measures

| | |
|------------|--|
| 6.1 | <p>Personal precautions, protective equipment and emergency procedures For non-emergency personnel Remove persons to safety. Ventilate affected area.</p> <p>For emergency responders Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.</p> |
| 6.2 | <p>Environmental precautions Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.</p> |
| 6.3 | <p>Methods and material for containment and cleaning up Advice on how to contain a spill Covering of drains.</p> <p>Advice on how to clean up a spill Wipe up with absorbent material (e.g. cloth, fleece).</p> <p>Appropriate containment techniques Use of adsorbent materials.</p> <p>Other information relating to spills and releases Place in appropriate containers for disposal. Ventilate affected area.</p> |
| 6.4 | <p>Reference to other sections Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.</p> |

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SECTION 7: Handling and storage

| | |
|------------|---|
| 7.1 | Precautions for safe handling Recommendations - measures to prevent fire as well as aerosol and dust generation Use local and general ventilation. Use only in well-ventilated areas. Advice on general occupational hygiene Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs. |
| 7.2 | Conditions for safe storage, including any incompatibilities Managing of associated risks - flammability hazards Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. - incompatible substances or mixtures Keep away from alkalis, oxidising substances, acids. Control of effects Protect against external exposure, such as High temperatures. UV-radiation/sunlight. Consideration of other advice Store in a well-ventilated place. Keep container tightly closed. - packaging compatibilities Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. |
| 7.3 | Specific end use(s) There is no additional information. |

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SECTION 8: Exposure controls/personal protection

| | |
|-----|---|
| 8.1 | <p>Control parameters</p> <p>National limit values No information available.</p> <p>Relevant DNELs/DMELs/PNECs and other threshold levels No data available.</p> |
| 8.2 | <p>Exposure controls</p> <p>Appropriate engineering controls General ventilation. Provide eyewash stations and safety showers at the workplace.</p> <p>Individual protection measures (personal protective equipment)</p> <p>Eye/face protection  Use safety goggle with side protection.</p> <p>Skin protection  Chemical protective clothing.</p> <p>Hand protection  Wear suitable gloves. Check leak-tightness/impermeability prior to use. 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. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</p> <ul style="list-style-type: none"> - type of material Nitrile rubber - material thickness Use gloves with a minimum material thickness: $\geq 0,38$ mm. - breakthrough time of the glove material Use gloves with a minimum breakthrough time of the glove material: >480 minutes (permeation: level 6). - other protection measures Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. <p>Respiratory protection In case of inadequate ventilation wear respiratory protection. Type: ABEK-P2 (combined filters against gases, vapors and particles, color code: Brown/Grey/Yellow/Green/White). Observe the OSHA respirator regulations cited in 29 CFR 1910.134 and use NIOSH/MSHA approved respirators.</p> <p>Environmental exposure controls Take appropriate precautions to avoid uncontrolled release into the environment. Keep away from drains, surface and ground water.</p> |

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SECTION 9: Physical and chemical properties

| | | |
|----------------------|--|--|
| 9.1 | Information on basic physical and chemical properties | |
| | Appearance | |
| | Physical state | liquid |
| | Color | colourless |
| | Particle | Not relevant (liquid) |
| | Odor | characteristic |
| | Other safety parameters | |
| | pH (value) | 7.5 |
| | Melting point/freezing point | not determined |
| | Initial boiling point and boiling range | 288 °C at 101.6 kPa calculated value, referring to a component of the mixture |
| | Flash point | no data available |
| | Evaporation rate | not determined |
| | Flammability (solid, gas) | not relevant, (fluid) |
| | Explosion limits | LEL: UEL: not determined |
| | Vapor pressure | not determined |
| | Density | not determined |
| | Vapor density | this information is not available |
| | Relative density | information on this property is not available |
| | Solubility | not determined |
| | - n-octanol/water (log KOW) | this information is not available |
| | Auto-ignition temperature | not determined |
| | Decomposition temperature | no data available |
| | Viscosity | |
| | kinematic viscosity | not determined |
| Explosive properties | none | |
| Oxidizing properties | none | |

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| | |
|------------|--|
| 9.2 | Other information There is no additional information |
|------------|--|

SECTION 10: Stability and reactivity

| | |
|-------------|---|
| 10.1 | Reactivity This material is not reactive under normal ambient conditions. |
| 10.2 | Chemical stability The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| 10.3 | Possibility of hazardous reactions No known hazardous reactions. |
| 10.4 | Conditions to avoid There are no specific conditions known which have to be avoided. |
| 10.5 | Incompatible materials Oxidisers. |
| 10.6 | Hazardous decomposition products Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5. |

SECTION 11: Toxicological information

| 11.1 | <p>Information on toxicological effects Test data are not available for the complete mixture.</p> <p>Classification procedure The method for classification of the mixture is based on ingredients of the mixture (additivity formula).</p> <p>Classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)</p> <p>Acute toxicity Shall not be classified as acutely toxic.</p> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th colspan="4">Acute toxicity estimate (ATE) of components</th> </tr> <tr style="background-color: #2c4e64; color: white;"> <th>Name of substance</th> <th>CAS No</th> <th>Exposure route</th> <th>ATE</th> </tr> </thead> <tbody> <tr> <td>Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether</td> <td>9002-93-1</td> <td>oral</td> <td>500 mg/kg</td> </tr> </tbody> </table> | Acute toxicity estimate (ATE) of components | | | | Name of substance | CAS No | Exposure route | ATE | Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether | 9002-93-1 | oral | 500 mg/kg |
|---|---|---|-----------|--|--|-------------------|--------|----------------|-----|---|-----------|------|-----------|
| Acute toxicity estimate (ATE) of components | | | | | | | | | | | | | |
| Name of substance | CAS No | Exposure route | ATE | | | | | | | | | | |
| Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether | 9002-93-1 | oral | 500 mg/kg | | | | | | | | | | |

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| | <p>Skin corrosion/irritation Causes skin irritation.</p> <p>Serious eye damage/eye irritation Causes serious eye damage.</p> <p>Respiratory or skin sensitisation Shall not be classified as a respiratory or skin sensitizer.</p> <p>Germ cell mutagenicity Shall not be classified as germ cell mutagenic.</p> <p>Carcinogenicity Shall not be classified as carcinogenic.</p> <p>Reproductive toxicity Shall not be classified as a reproductive toxicant.</p> <p>Specific target organ toxicity - single exposure Shall not be classified as a specific target organ toxicant (single exposure).</p> <p>Specific target organ toxicity - repeated exposure Shall not be classified as a specific target organ toxicant (repeated exposure).</p> <p>Aspiration hazard Shall not be classified as presenting an aspiration hazard.</p> | | | | | | | | | | | | | | | |
|---|---|--------------------------------------|---|-----------|--|--|-------------------|--------|--------------------------------------|---|-----------|---|-----------|--|-----|--------|
| 11.2 | <p>Information on other hazards</p> <p>Endocrine disrupting properties Contains an endocrine disruptor (ED) in a concentration of $\geq 0,1\%$.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5">Endocrine Disruptor lists</th> </tr> <tr style="background-color: #1a3d4d; color: white;"> <th>Name of substance</th> <th>CAS No</th> <th>Endocrine disruptor for human health</th> <th>Endocrine disruptor for the environment</th> <th>Listed in</th> </tr> </thead> <tbody> <tr> <td>Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether</td> <td>9002-93-1</td> <td></td> <td>yes</td> <td>List I</td> </tr> </tbody> </table> <p><u>Legend</u> List I Substances identified as endocrine disruptors at EU level</p> | Endocrine Disruptor lists | | | | | Name of substance | CAS No | Endocrine disruptor for human health | Endocrine disruptor for the environment | Listed in | Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether | 9002-93-1 | | yes | List I |
| Endocrine Disruptor lists | | | | | | | | | | | | | | | | |
| Name of substance | CAS No | Endocrine disruptor for human health | Endocrine disruptor for the environment | Listed in | | | | | | | | | | | | |
| Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether | 9002-93-1 | | yes | List I | | | | | | | | | | | | |

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SECTION 12: Ecological information

| 12.1 | <p>Toxicity Harmful to aquatic life with long lasting effects.</p> | | | | | | | | | | | | | | | |
|---|---|--------------------------------------|---|-----------|--|--|-------------------|--------|--------------------------------------|---|-----------|---|-----------|--|-----|--------|
| 12.2 | <p>Persistence and degradability Data are not available.</p> | | | | | | | | | | | | | | | |
| 12.3 | <p>Bioaccumulative potential Data are not available.</p> | | | | | | | | | | | | | | | |
| 12.4 | <p>Mobility in soil Data are not available.</p> | | | | | | | | | | | | | | | |
| 12.5 | <p>Results of PBT and vPvB assessment Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.</p> | | | | | | | | | | | | | | | |
| 12.6 | <p>Endocrine disrupting properties Contains an endocrine disruptor (ED) in a concentration of $\geq 0,1\%$.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="text-align: left;">Endocrine Disruptor lists</th> </tr> <tr style="background-color: #1a3d4d; color: white;"> <th style="text-align: center;">Name of substance</th> <th style="text-align: center;">CAS No</th> <th style="text-align: center;">Endocrine disruptor for human health</th> <th style="text-align: center;">Endocrine disruptor for the environment</th> <th style="text-align: center;">Listed in</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether</td> <td style="text-align: center;">9002-93-1</td> <td></td> <td style="text-align: center;">yes</td> <td style="text-align: center;">List I</td> </tr> </tbody> </table> <p><u>Legend</u> List I Substances identified as endocrine disruptors at EU level</p> | Endocrine Disruptor lists | | | | | Name of substance | CAS No | Endocrine disruptor for human health | Endocrine disruptor for the environment | Listed in | Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether | 9002-93-1 | | yes | List I |
| Endocrine Disruptor lists | | | | | | | | | | | | | | | | |
| Name of substance | CAS No | Endocrine disruptor for human health | Endocrine disruptor for the environment | Listed in | | | | | | | | | | | | |
| Poly(oxyethylene) p-(1,1,3,3-tetramethylbutyl) phenyl ether | 9002-93-1 | | yes | List I | | | | | | | | | | | | |
| 12.7 | <p>Other adverse effects Data are not available.</p> | | | | | | | | | | | | | | | |

SECTION 13: Disposal considerations

| | |
|-------------|---|
| 13.1 | <p>Waste treatment methods</p> <p>Sewage disposal-relevant information Do not empty into drains. Avoid release to the environment.</p> <p>Waste treatment of containers/packagings Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.</p> <p>Remarks Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.</p> |
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SECTION 14: Transport information

| | | |
|--|---|---|
| 14.1 | UN number | not subject to transport regulations |
| 14.2 | UN proper shipping name | not relevant |
| 14.3 | Transport hazard class(es) | none |
| 14.4 | Packing group | not assigned |
| 14.5 | Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | Special precautions for user There is no additional information. | |
| 14.7 | Transport in bulk according to IMO instruments No data available. | |
| <p><u>Additional information for each of the UN Model Regulations</u></p> <p>Transport of dangerous goods by road or rail (49 CFR US DOT) - additional information Not subject to transport regulations.</p> <p>International Maritime Dangerous Goods Code (IMDG) - additional information Not subject to IMDG.</p> <p>International Civil Aviation Organization (ICAO-IATA/DGR) - additional information Not subject to ICAO-IATA.</p> | | |

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SECTION 15: Regulatory information

| 15.1 | <p>Safety, health and environmental regulations/legislation specific for the product in question</p> <p>National regulations (United States)</p> <p>Toxic Substance Control Act (TSCA) all ingredients are listed (ACTIVE) or exempt from listing</p> <p>Superfund Amendment and Reauthorization Act (SARA TITLE III)</p> <ul style="list-style-type: none"> - The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304) None of the ingredients are listed. - Specific Toxic Chemical Listings (EPCRA Section 313) None of the ingredients are listed. <p>Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)</p> <ul style="list-style-type: none"> - List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4) None of the ingredients are listed. <p>Clean air act</p> <ul style="list-style-type: none"> - None of the ingredients are listed. <p>Right to Know Hazardous Substance List</p> <ul style="list-style-type: none"> - Cleaning Product Right to Know Act Substance List (CA-RTK) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #2c4e64; color: white;"> <th style="text-align: center;">Name acc. to inventory</th> <th style="text-align: center;">CAS No</th> <th style="text-align: center;">Functionality</th> <th style="text-align: center;">Authoritative Lists</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4-tert-Octylphenol ethoxylates</td> <td></td> <td></td> <td style="text-align: center;">EC EDs</td> </tr> </tbody> </table> <ul style="list-style-type: none"> - Toxic or Hazardous Substance List (MA-TURA) None of the ingredients are listed <p>California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987</p> <ul style="list-style-type: none"> - None of the ingredients are listed. <p>Industry or sector specific available guidance(s)</p> <p>NPCA-HMIS® III Hazardous Materials Identification System. American Coatings Association.</p> | Name acc. to inventory | CAS No | Functionality | Authoritative Lists | 4-tert-Octylphenol ethoxylates | | | EC EDs |
|--------------------------------|---|------------------------|---------------------|---------------|---------------------|--------------------------------|--|--|--------|
| Name acc. to inventory | CAS No | Functionality | Authoritative Lists | | | | | | |
| 4-tert-Octylphenol ethoxylates | | | EC EDs | | | | | | |

Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Additive L

Version number: 1.0

Revision: 2026-02-13

Replaces version of: -

| Category | Rating | Description |
|---------------------|--------|---|
| Chronic | / | none |
| Health | 3 | major injury likely unless prompt action is taken and medical treatment is given |
| Flammability | 1 | material that must be preheated before ignition can occur |
| Physical hazard | 0 | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | - | |

NFPA® 704
National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category | Degree of hazard | Description |
|----------------|------------------|--|
| Flammability | 1 | material that must be preheated before ignition can occur |
| Health | 3 | material that, under emergency conditions, can cause serious or permanent injury |
| Instability | 0 | material that is normally stable, even under fire conditions |
| Special hazard | | |

15.2 Chemical safety assessment
No Chemical Safety Assessment has been carried out for this mixture by the supplier.

Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

Additive L

Version number: 1.0

Revision: 2026-02-13

Replaces version of: -

SECTION 16: Other information, including date of preparation or last revision

| Indication of changes (revised safety data sheet) | | |
|---|---|---------------------------|
| Section | Former entry (text/value) | Actual entry (text/value) |
| | | |
| Abbreviations and acronyms | | |
| Abbr. | Descriptions of used abbreviations | |
| 49 CFR US DOT | 49 CFR U.S. Department of Transportation | |
| Acute Tox. | Acute toxicity | |
| ATE | Acute Toxicity Estimate | |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) | |
| DGR | Dangerous Goods Regulations (see IATA/DGR) | |
| DMEL | Derived Minimal Effect Level | |
| DNEL | Derived No-Effect Level | |
| DOT | Department of Transportation (USA) | |
| ED | Endocrine disruptor | |
| Eye Dam. | Seriously damaging to the eye | |
| Eye Irrit. | Irritant to the eye | |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations | |
| IATA | International Air Transport Association | |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) | |
| ICAO | International Civil Aviation Organization | |
| IMDG | International Maritime Dangerous Goods Code | |
| LEL | Lower explosion limit (LEL) | |
| NPCA-HMIS® III | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition | |
| OSHA | Occupational Safety and Health Administration (United States) | |
| PBT | Persistent, Bioaccumulative and Toxic | |

Safety Data Sheet

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Replaces version of: -

| PNEC | Predicted No-Effect Concentration | | | | | | | | |
|--|---|------|------|------|-----------------------|------|-------------------------|------|----------------------------|
| RTECS | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information) | | | | | | | | |
| Skin Corr. | Corrosive to skin | | | | | | | | |
| Skin Irrit. | Irritant to skin | | | | | | | | |
| UEL | Upper explosion limit (UEL) | | | | | | | | |
| vPvB | Very Persistent and very Bioaccumulative | | | | | | | | |
| <p>Key literature references and sources for data OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200. Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).</p> <p>Classification procedure Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).</p> <p>List of relevant phrases (code and full text as stated in section 2 and 3)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Text</th> </tr> </thead> <tbody> <tr> <td>H302</td> <td>Harmful if swallowed.</td> </tr> <tr> <td>H315</td> <td>Causes skin irritation.</td> </tr> <tr> <td>H318</td> <td>Causes serious eye damage.</td> </tr> </tbody> </table> <p>Disclaimer This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.</p> | | Code | Text | H302 | Harmful if swallowed. | H315 | Causes skin irritation. | H318 | Causes serious eye damage. |
| Code | Text | | | | | | | | |
| H302 | Harmful if swallowed. | | | | | | | | |
| H315 | Causes skin irritation. | | | | | | | | |
| H318 | Causes serious eye damage. | | | | | | | | |