

# 15mg/mL Tetracycline in 70% Ethanol

Version number: GHS 5.0  
Replaces version of: 2022-10-04 (GHS 4)

Revision: 2025-08-21

## SECTION 1: Identification

### 1.1 Product identifier

Name **15mg/mL Tetracycline in 70% Ethanol**  
Product number **T3325**

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

Relevant identified uses General use

### 1.3 Details of the supplier of the safety data sheet

Teknova  
2451 Bert Drive  
Hollister California 95023  
United States

Telephone: 1-800-209-4488  
e-mail: info@teknova.com  
Website: www.teknova.com

### 1.4 Emergency telephone number

CHEM TREC Emergency Phone Number (800)-424-9300

## SECTION 2: Hazard(s) identification

### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Section | Hazard class                      | Category | Hazard class and category | Hazard statement |
|---------|-----------------------------------|----------|---------------------------|------------------|
| A.3     | serious eye damage/eye irritation | 2A       | Eye Irrit. 2A             | H319             |
| A.7     | reproductive toxicity             | 2        | Repr. 2                   | H361             |
| B.6     | flammable liquid                  | 2        | Flam. Liq. 2              | H225             |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08



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### - Hazard statements

H225 Highly flammable liquid and vapor.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child.

### - Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P280 Wear protective gloves/eye protection/face protection.  
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 If exposed or concerned: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling Tetracycline Hydrochloride

## 2.3 Other hazards

### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

Customer Approved

| Name of substance          | Identifier        | Wt%   | Classification acc. to GHS                  |
|----------------------------|-------------------|-------|---------------------------------------------|
| Ethanol                    | CAS No<br>64-17-5 | 68.95 | Eye Irrit. 2A / H319<br>Flam. Liq. 2 / H225 |
| Tetracycline Hydrochloride | CAS No<br>64-75-5 | 1.5   | Eye Irrit. 2A / H319<br>Repr. 2 / H361      |

### Remarks

For full text of abbreviations: see SECTION 16

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### 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. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

#### 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

none

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

##### Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate 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.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Remove persons to safety.

##### For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

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### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 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.

## 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. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

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

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Consideration of other advice

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

### 7.3 Specific end use(s)

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See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent           | CAS No. | Identifier | TWA [ppm]    | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source           |
|---------|-------------------------|---------|------------|--------------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------------|
| US      | ethanol                 | 64-17-5 | TLV®       |              |                          | 1,000      | 1,880                     |                 |                                |          | AC-GIH® 2025     |
| US      | ethyl alcohol           | 64-17-5 | REL        | 1,000 (10 h) | 1,900 (10 h)             |            |                           |                 |                                |          | NIOSH REL        |
| US      | ethyl alcohol (ethanol) | 64-17-5 | PEL (CA)   | 1,000        | 1,900                    |            |                           |                 |                                |          | Cal/OSHA PEL     |
| US      | ethyl alcohol (ethanol) | 64-17-5 | PEL        | 1,000        | 1,900                    |            |                           |                 |                                |          | 29 CFR 1910.1000 |

##### Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

##### Relevant DNELs of components of the mixture

| Name of substance | CAS No. | Endpoint | Threshold level       | Protection goal, route of exposure | Used in           | Exposure time              |
|-------------------|---------|----------|-----------------------|------------------------------------|-------------------|----------------------------|
| Ethanol           | 64-17-5 | DNEL     | 950 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Ethanol           | 64-17-5 | DNEL     | 343 mg/kg bw/day      | human, dermal                      | worker (industry) | chronic - systemic effects |

#### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

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- Type of material

Nitrile

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.  
Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### Appearance

|                |                       |
|----------------|-----------------------|
| Physical state | liquid                |
| Color          | no data available     |
| Particle       | not relevant (liquid) |
| Odor           | no data available     |

##### Other safety parameters

|                                         |                                               |
|-----------------------------------------|-----------------------------------------------|
| pH (value)                              | not determined                                |
| Melting point/freezing point            | not determined                                |
| Initial boiling point and boiling range | 78 °C                                         |
| Flash point                             | 12.8 °C                                       |
| Evaporation rate                        | Not determined                                |
| Flammability (solid, gas)               | not relevant, (fluid)                         |
| Vapor pressure                          | 44.6 mmHg at 20 °C                            |
| Density                                 | not determined                                |
| Vapor density                           | not determined                                |
| Relative density                        | Information on this property is not available |
| Solubility(ies)                         | not determined                                |

##### Partition coefficient

|                             |                                   |
|-----------------------------|-----------------------------------|
| - n-octanol/water (log KOW) | this information is not available |
| Auto-ignition temperature   | not determined                    |

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|     |                          |                                    |
|-----|--------------------------|------------------------------------|
|     | Viscosity                | not determined                     |
|     | Explosive properties     | none                               |
|     | Oxidizing properties     | none                               |
| 9.2 | <b>Other information</b> | there is no additional information |

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 10.5 Incompatible materials

Oxidizers

#### 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 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

The classification criteria for these hazard classes are not met.

Skin corrosion/irritation

The classification criteria for this hazard class are not met. Shall not be classified as corrosive/irritant to skin.

Respiratory or skin sensitization

The classification criteria for these hazard classes are not met.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

The classification criteria for this hazard class are not met.

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## IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

| Name of substance | CAS No  | Classification | Number |
|-------------------|---------|----------------|--------|
| Ethanol           | 64-17-5 | 1              |        |

### Legend

1 Carcinogenic to humans

### Reproductive toxicity

Suspected of damaging the unborn child. Suspected of damaging fertility.

### Specific target organ toxicity - single exposure

The classification criteria for this hazard class are not met. Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

The classification criteria for this hazard class are not met.

### Aspiration hazard

The classification criteria for this hazard class are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Waste treatment-relevant information

Solvent reclamation/regeneration.

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packages

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.

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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.

### SECTION 14: Transport information

#### 14.1 UN number

|           |         |
|-----------|---------|
| DOT       | UN 1170 |
| IMDG-Code | UN 1170 |
| ICAO-TI   | UN 1170 |

#### 14.2 UN proper shipping name

|           |                   |
|-----------|-------------------|
| DOT       | Ethanol solutions |
| IMDG-Code | ETHANOL SOLUTION  |
| ICAO-TI   | Ethanol solution  |

#### 14.3 Transport hazard class(es)

|           |   |
|-----------|---|
| DOT       | 3 |
| IMDG-Code | 3 |
| ICAO-TI   | 3 |

#### 14.4 Packing group

|           |     |
|-----------|-----|
| DOT       | III |
| IMDG-Code | III |
| ICAO-TI   | III |

#### 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

The cargo is not intended to be carried in bulk.

#### Information for each of the UN Model Regulations

##### Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Particulars in the shipper's declaration | UN1170, Ethanol solutions, 3, III |
| Danger label(s)                          | 3                                 |



|                         |                      |
|-------------------------|----------------------|
| Special provisions (SP) | 24, B1, IB3, T2, TP1 |
| ERG No                  | 127                  |

##### International Maritime Dangerous Goods Code (IMDG) - Additional information

|                  |   |
|------------------|---|
| Marine pollutant | - |
| Danger label(s)  | 3 |

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|                          |          |
|--------------------------|----------|
| Special provisions (SP)  | 144, 223 |
| Excepted quantities (EQ) | E1       |
| Limited quantities (LQ)  | 5 L      |
| EmS                      | F-E, S-D |
| Stowage category         | A        |

## International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

|                 |   |
|-----------------|---|
| Danger label(s) | 3 |
|-----------------|---|



|                          |               |
|--------------------------|---------------|
| Special provisions (SP)  | A3, A58, A180 |
| Excepted quantities (EQ) | E1            |
| Limited quantities (LQ)  | 10 L          |

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### National regulations (United States)

##### Toxic Substance Control Act (TSCA)

all ingredients are listed (ACTIVE) or exempt from listing

##### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- 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)

#### Toxics Release Inventory: Specific Toxic Chemical Listings

| Name of substance          | CAS No  | Remarks | Effective date |
|----------------------------|---------|---------|----------------|
| Tetracycline Hydrochloride | 64-75-5 |         | 1995-01-01     |

#### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

#### Clean Air Act

none of the ingredients are listed

#### Right to Know Hazardous Substance List

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### - Hazardous Substance List (NJ-RTK)

| Name of substance          | CAS No. | Remarks | Classifications      |
|----------------------------|---------|---------|----------------------|
| Ethanol                    | 64-17-5 |         | CA<br>MU<br>TE<br>F3 |
| Tetracycline Hydrochloride | 64-75-5 |         |                      |

#### Legend

|    |                          |
|----|--------------------------|
| CA | Carcinogenic             |
| F3 | Flammable - Third Degree |
| MU | Mutagenic                |
| TE | Teratogenic              |

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

#### Proposition 65 List of chemicals

| Name acc. to inventory     | CAS No  | Remarks                | Type of the toxicity |
|----------------------------|---------|------------------------|----------------------|
| ethanol (ethyl alcohol)    | 64-17-5 | in alcoholic beverages | developmental        |
| tetracycline hydrochloride | 64-75-5 | internal use           | developmental        |

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category            | Rating | Description                                                                                                                                                |
|---------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure                                                                                   |
| Health              | 2      | temporary or minor injury may occur                                                                                                                        |
| Flammability        | 3      | material that can be ignited under almost all ambient temperature conditions                                                                               |
| 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   | 3                | material that can be ignited under almost all ambient temperature conditions                                  |
| Health         | 0                | material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material |
| Instability    | 0                | material that is normally stable, even under fire conditions                                                  |
| Special hazard |                  |                                                                                                               |

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### National inventories

| Country | Inventory | Status                              |
|---------|-----------|-------------------------------------|
| US      | TSCA      | all ingredients are listed (ACTIVE) |

#### Legend

TSCA Toxic Substance Control Act

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## 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)                                                                                                                                                                                               | Safety-relevant |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1.3     | Details of the supplier of the safety data sheet:<br>Teknova<br>2290 Bert Dr.<br>Hollister California 95023<br>United States<br><br>Telephone: 831-637-1100<br>Telefax: 831-637-2355<br>e-mail: info@teknova.com<br>Website: www.teknova.com | Details of the supplier of the safety data sheet:<br>Teknova<br>2451 Bert Drive<br>Hollister California 95023<br>United States<br><br>Telephone: 1-800-209-4488<br>e-mail: info@teknova.com<br>Website: www.teknova.com | yes             |
| 2.3     | Other hazards:<br>of no significance                                                                                                                                                                                                         | Other hazards                                                                                                                                                                                                           | yes             |
| 2.3     |                                                                                                                                                                                                                                              | Results of PBT and vPvB assessment:<br>Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$ .                                                                                                      | yes             |
| 2.3     |                                                                                                                                                                                                                                              | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$ .                                                                                                   | yes             |
| 3.2     | Description of the mixture                                                                                                                                                                                                                   | Description of the mixture:<br>Customer Approved                                                                                                                                                                        | yes             |
| 3.2     |                                                                                                                                                                                                                                              | Description of the mixture:<br>change in the listing (table)                                                                                                                                                            | yes             |
| 3.2     |                                                                                                                                                                                                                                              | Remarks:<br>For full text of abbreviations: see SECTION 16                                                                                                                                                              | yes             |
| 8.1     |                                                                                                                                                                                                                                              | Occupational exposure limit values (Workplace Exposure Limits):<br>change in the listing (table)                                                                                                                        | yes             |
| 12.5    | Results of PBT and vPvB assessment:<br>Data are not available.                                                                                                                                                                               | Results of PBT and vPvB assessment:<br>Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$ .                                                                                                      | yes             |
| 12.6    | Endocrine disrupting properties:<br>Information on this property is not available.                                                                                                                                                           | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$ .                                                                                                   | yes             |
| 15.1    | Toxic Substance Control Act (TSCA):<br>all ingredients are listed                                                                                                                                                                            | Toxic Substance Control Act (TSCA):<br>all ingredients are listed (ACTIVE) or exempt from listing                                                                                                                       | yes             |
| 15.1    |                                                                                                                                                                                                                                              | National inventories:                                                                                                                                                                                                   | yes             |

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| Section | Former entry (text/value) | Actual entry (text/value)     | Safety-relevant |
|---------|---------------------------|-------------------------------|-----------------|
|         |                           | change in the listing (table) |                 |

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).

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).

Disclaimer

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