

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

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

1.1 Product identifier

Trade name : 321G-704 ONE COAT GREEN

SDS-Identcode : 130000141239

Unique Formula Identifier (UFI) : DW07-GXCP-MU3M-WNH8

This substance/ mixture contains nanoforms (according to REACH Regulation)

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

Use of the Sub-
stance/Mixture : Coatings, For further information see Annex - Exposure scenario.

Recommended restrictions on use : For industrial use only.
Do not use or resell Chemours™ materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless agreed to by Seller in a written agreement covering such use. For further information, please contact your Chemours representative.

1.3 Details of the supplier of the safety data sheet

Company : Chemours Belgium BV
Ketenislaan 1, Haven 1548
B-9130 Kallo Belgium

Telephone : +32-(0)-3-730-2211

E-mail address of person responsible for the SDS : sds-support@chemours.com

1.4 Emergency telephone number

+(353)-19014670 (CHEMTREC - Recommended) ; +353-(01) 809 2166 (Poison Information Center of Ireland)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2 H319: Causes serious eye irritation.

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear eye protection/ face protection.
Response:
P337 + P313 If eye irritation persists: Get medical advice/
attention.

Additional Labelling

The following percentage of the mixture consists of ingredient(s) with unknown acute oral toxicity: 5.729 %

The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 5.729 %

The following percentage of the mixture consists of ingredient(s) with unknown acute inhalation toxicity: 5.729 %

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The thermal decomposition vapours of fluorinated plastics may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

Version 11.1 Revision Date: 15.05.2025 SDS Number: 4789731-00018 Date of last issue: 08.11.2024
Date of first issue: 27.08.2019

Chemical nature : Paint

Components

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | Concentration (% w/w) |
|--|---|---|--------------------------|
| Butan-1-ol | 71-36-3 200-751-6 603-004-00-6 01-2119484630-38 | Flam. Liq. 3; H226 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 STOT SE 3; H336 Acute toxicity estimate Acute oral toxicity: 790 mg/kg | $\geq 1 - < 3$ |
| 2,6,8-Trimethyl-4-nonyloxypolyethyleneoxyethanol | 60828-78-6 | Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412 | $\geq 1 - < 2.5$ |
| Triethylamine | 121-44-8 204-469-4 612-004-00-5 01-2119475467-26 | Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 Skin Corr. 1A; H314 Eye Dam. 1; H318 STOT SE 3; H335 specific concentration limit STOT SE 3; H335 $\geq 1 \%$ Acute toxicity estimate Acute oral toxicity: 100 mg/kg Acute inhalation toxicity (vapour): 7.2 mg/l Acute dermal toxicity: 300 mg/kg | $\geq 0.1 - < 1$ |
| Chlorine | 7782-50-5 231-959-5 017-001-00-7 | Ox. Gas 1; H270 Press. Gas Liquefied gas; H280 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Irrit. 2; H319 | $\geq 0.0025 - < 0.025$ |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|-----------------|------------------------------|------------------------------|---|
| Version 11.1 | Revision Date: 15.05.2025 | SDS Number: 4789731-00018 | Date of last issue: 08.11.2024 Date of first issue: 27.08.2019 |
|-----------------|------------------------------|------------------------------|---|

| | | | |
|--|------------------------|--|-------------|
| | | STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 <hr/> M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 <hr/> Acute toxicity esti- mate <hr/> Acute inhalation tox- icity (gas): 142 ppm | |
| Substances with a workplace exposure limit : | | | |
| Chromium oxide | 1308-38-9 215-160-9 | | >= 1 - < 10 |

For explanation of abbreviations see section 16.

This substance/ mixture contains nanoforms (according to REACH Regulation)

Components:

Silicon dioxide, amorphous (nano):

Particle characteristics

| | |
|-----------------------|--|
| Particle size | : < 100 nm |
| Specific surface area | : 250 - 1,000 m ² /cm ³ |
| Assessment | : This substance/ mixture contains nanoforms (according to REACH Regulation) |
| Shape | : Shape: spheres |
| Crystallinity | : Crystallinity: amorphous |

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|----------------------------|--|
| General advice | : In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice. |
| Protection of first-aiders | : First Aid responders should pay attention to self-protection, |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

and use the recommended personal protective equipment when the potential for exposure exists (see section 8).

- | | | |
|-------------------------|---|--|
| If inhaled | : | If inhaled, remove to fresh air. Get medical attention if symptoms occur. |
| In case of skin contact | : | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| In case of eye contact | : | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention. |
| If swallowed | : | If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water. |

4.2 Most important symptoms and effects, both acute and delayed

- | | | |
|-------|---|--------------------------------|
| Risks | : | Causes serious eye irritation. |
|-------|---|--------------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

- | | | |
|-----------|---|---|
| Treatment | : | Treat symptomatically and supportively. |
|-----------|---|---|
-

SECTION 5: Firefighting measures

5.1 Extinguishing media

- | | | |
|------------------------------|---|--|
| Suitable extinguishing media | : | Water spray Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical |
|------------------------------|---|--|

- | | | |
|--------------------------------|---|-------------|
| Unsuitable extinguishing media | : | None known. |
|--------------------------------|---|-------------|

5.2 Special hazards arising from the substance or mixture

- | | | |
|---------------------------------------|---|--|
| Specific hazards during fire-fighting | : | Exposure to combustion products may be a hazard to health. |
| Hazardous combustion products | : | Hydrogen fluoride carbonyl fluoride potentially toxic fluorinated compounds aerosolized particulates Carbon oxides Nitrogen oxides (NO _x) Chromium compounds |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.
Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).

6.2 Environmental precautions

- Environmental precautions : Avoid release to the environment.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers).
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up with inert absorbent material.
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Do not get on skin or clothing.
Avoid inhalation of vapour or mist.
Do not swallow.
Do not get in eyes.
Wash skin thoroughly after handling.
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment
Take care to prevent spills, waste and minimize release to the environment.
- Do not breathe decomposition products.
- Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep in properly labelled containers. Store in accordance with the particular national regulations.
- Advice on common storage : No special restrictions on storage with other products.
- Recommended storage temperature : 5 - 25 °C
- Further information on storage stability : Do not freeze.

7.3 Specific end use(s)

- Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---------------------------------|-----------|-------------------------------|--------------------------------|------------|
| 2,2',2''-Nitrilotriethanol | 102-71-6 | OELV - 8 hrs (TWA) | 5 mg/m ³ | IE OEL |
| Chromium oxide | 1308-38-9 | TWA | 2 mg/m ³ (chromium) | 2006/15/EC |
| Further information: Indicative | | | | |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

Version 11.1 Revision Date: 15.05.2025 SDS Number: 4789731-00018 Date of last issue: 08.11.2024
Date of first issue: 27.08.2019

| | | | | |
|---|-----------|--------------------------------------|----------------------|------------|
| | | OELV - 8 hrs (TWA) | 2 mg/m3 (chromium) | IE OEL |
| Silicon dioxide, amorphous (nano) | 7631-86-9 | OELV - 8 hrs (TWA) (Respirable dust) | 2.4 mg/m3 (Silica) | IE OEL |
| | | OELV - 8 hrs (TWA) (inhalable dust) | 6 mg/m3 (Silica) | IE OEL |
| Butan-1-ol | 71-36-3 | OELV - 8 hrs (TWA) | 20 ppm | IE OEL |
| Triethylamine | 121-44-8 | TWA | 2 ppm 8.4 mg/m3 | 2000/39/EC |
| Further information: Identifies the possibility of significant uptake through the skin, Indicative | | | | |
| | | STEL | 3 ppm 12.6 mg/m3 | 2000/39/EC |
| Further information: Identifies the possibility of significant uptake through the skin, Indicative | | | | |
| | | OELV - 15 min (STEL) | 3 ppm 12.6 mg/m3 | IE OEL |
| Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body | | | | |
| | | OELV - 8 hrs (TWA) | 2 ppm 8.4 mg/m3 | IE OEL |
| Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body | | | | |
| Chlorine | 7782-50-5 | STEL | 0.5 ppm 1.5 mg/m3 | 2006/15/EC |
| Further information: Indicative | | | | |
| | | OELV - 15 min (STEL) | 0.5 ppm 1.5 mg/m3 | IE OEL |

Occupational exposure limits of decomposition products

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---|-----------|-------------------------------|---------------------------------|------------|
| Hydrofluoric acid | 7664-39-3 | TWA | 1.8 ppm 1.5 mg/m3 | 2000/39/EC |
| Further information: Indicative | | | | |
| | | STEL | 3 ppm 2.5 mg/m3 | 2000/39/EC |
| Further information: Indicative | | | | |
| | | OELV - 15 min (STEL) | 3 ppm 2.5 mg/m3 (Fluorine) | IE OEL |
| Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body | | | | |
| | | OELV - 8 hrs (TWA) | 1.8 ppm 1.5 mg/m3 (Fluorine) | IE OEL |
| Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body | | | | |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

Version 11.1 Revision Date: 15.05.2025 SDS Number: 4789731-00018 Date of last issue: 08.11.2024
Date of first issue: 27.08.2019

| | | | | |
|--|----------|----------------------|--------------------------------------|-------------|
| Carbonyl difluoride | 353-50-4 | OELV - 15 min (STEL) | 5 ppm 13 mg/m ³ | IE OEL |
| | | OELV - 8 hrs (TWA) | 2 ppm 5.4 mg/m ³ | IE OEL |
| | | TWA | 2.5 mg/m ³ (Fluorine) | 2000/39/EC |
| Further information: Indicative | | | | |
| Carbon dioxide | 124-38-9 | TWA | 5,000 ppm 9,000 mg/m ³ | 2006/15/EC |
| Further information: Indicative | | | | |
| | | OELV - 8 hrs (TWA) | 5,000 ppm 9,000 mg/m ³ | IE OEL |
| Carbon monoxide | 630-08-0 | STEL | 100 ppm 117 mg/m ³ | 2017/164/EU |
| Further information: Indicative | | | | |
| | | TWA | 20 ppm 23 mg/m ³ | 2017/164/EU |
| Further information: Indicative | | | | |
| | | OELV - 15 min (STEL) | 100 ppm 117 mg/m ³ | IE OEL |
| Further information: Repr 1A - Substances which are known human reproductive toxicants | | | | |
| | | OELV - 8 hrs (TWA) | 20 ppm 23 mg/m ³ | IE OEL |
| Further information: Repr 1A - Substances which are known human reproductive toxicants | | | | |
| | | TWA | 20 ppm 23 mg/m ³ | 2004/37/EC |
| Further information: Carcinogens or mutagens | | | | |
| | | STEL | 100 ppm 117 mg/m ³ | 2004/37/EC |
| Further information: Carcinogens or mutagens | | | | |

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|----------------------------|-----------|-----------------|----------------------------|------------------------|
| 2,2',2''-Nitrioltriethanol | Workers | Skin contact | Long-term systemic effects | 6.3 mg/kg bw/day |
| | Workers | Inhalation | Long-term local effects | 5 mg/m ³ |
| | Workers | Inhalation | Long-term systemic effects | 5 mg/m ³ |
| | Consumers | Ingestion | Long-term systemic effects | 13 mg/kg bw/day |
| | Consumers | Skin contact | Long-term systemic effects | 3.1 mg/m ³ |
| | Consumers | Inhalation | Long-term local effects | 1.25 mg/m ³ |
| | Consumers | Inhalation | Long-term systemic effects | 1.25 mg/m ³ |
| Chromium oxide | Workers | Inhalation | Acute local effects | 2 mg/m ³ |
| | Workers | Inhalation | Long-term local ef- | 0.5 mg/m ³ |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

Version 11.1 Revision Date: 15.05.2025 SDS Number: 4789731-00018 Date of last issue: 08.11.2024
Date of first issue: 27.08.2019

| | | | | |
|-----------------------------------|-----------|--------------|----------------------------|--------------------|
| | | | fects | |
| | Consumers | Inhalation | Long-term local effects | 0.5 mg/m3 |
| Silicon dioxide, amorphous (nano) | Workers | Inhalation | Long-term systemic effects | 4 mg/m3 |
| N,N-Dimethyl-3-oxobutyramide | Workers | Inhalation | Long-term systemic effects | 2.917 mg/m3 |
| | Workers | Skin contact | Long-term systemic effects | 0.833 mg/kg bw/day |
| | Consumers | Inhalation | Long-term systemic effects | 0.625 mg/m3 |
| | Consumers | Skin contact | Long-term systemic effects | 0.417 mg/kg bw/day |
| | Consumers | Ingestion | Long-term systemic effects | 0.417 mg/kg bw/day |
| Butan-1-ol | Workers | Inhalation | Long-term local effects | 310 mg/m3 |
| | Consumers | Inhalation | Long-term systemic effects | 55.357 mg/m3 |
| | Consumers | Inhalation | Long-term local effects | 155 mg/m3 |
| | Consumers | Skin contact | Long-term systemic effects | 3.125 mg/kg bw/day |
| | Consumers | Ingestion | Long-term systemic effects | 1.562 mg/kg bw/day |
| Triethylamine | Workers | Inhalation | Long-term systemic effects | 8.4 mg/m3 |
| | Workers | Inhalation | Acute systemic effects | 12.6 mg/m3 |
| | Workers | Inhalation | Long-term local effects | 8.4 mg/m3 |
| | Workers | Inhalation | Acute local effects | 12.6 mg/m3 |
| | Workers | Skin contact | Long-term systemic effects | 12.1 mg/kg bw/day |
| Chlorine | Workers | Inhalation | Long-term systemic effects | 0.75 mg/m3 |
| | Workers | Inhalation | Acute systemic effects | 1.5 mg/m3 |
| | Workers | Inhalation | Long-term local effects | 0.75 mg/m3 |
| | Workers | Inhalation | Acute local effects | 1.5 mg/m3 |
| | Consumers | Inhalation | Long-term systemic effects | 0.75 mg/m3 |
| | Consumers | Inhalation | Acute systemic effects | 1.5 mg/m3 |
| | Consumers | Inhalation | Long-term local effects | 0.75 mg/m3 |
| | Consumers | Inhalation | Acute local effects | 1.5 mg/m3 |
| | Consumers | Ingestion | Long-term systemic effects | 0.25 mg/kg bw/day |

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

Version 11.1 Revision Date: 15.05.2025 SDS Number: 4789731-00018 Date of last issue: 08.11.2024
Date of first issue: 27.08.2019

| Substance name | Environmental Compartment | Value |
|------------------------------|----------------------------|-------------------------------|
| 2,2',2''-Nitrilotriethanol | Fresh water | 0.32 mg/l |
| | Marine water | 0.032 mg/l |
| | Intermittent use/release | 5.12 mg/l |
| | Sewage treatment plant | 10 mg/l |
| | Fresh water sediment | 1.7 mg/kg dry weight (d.w.) |
| | Marine sediment | 0.17 mg/kg dry weight (d.w.) |
| | Soil | 0.151 mg/kg dry weight (d.w.) |
| Chromium oxide | Intermittent use/release | 0.0047 mg/l |
| | Fresh water | 0.0047 mg/l |
| | Marine water | 0.0047 mg/l |
| | Sewage treatment plant | 10 mg/l |
| | Marine sediment | 1.31 mg/kg |
| | Fresh water sediment | 18.2 mg/kg |
| | Soil | 3.2 mg/kg |
| N,N-Dimethyl-3-oxobutyramide | Fresh water | 0.123 mg/l |
| | Marine water | 0.012 mg/l |
| | Intermittent use/release | 1.227 mg/l |
| | Sewage treatment plant | 10 mg/l |
| | Fresh water sediment | 0.143 mg/kg |
| | Marine sediment | 0.014 mg/kg |
| | Soil | 0.044 mg/kg |
| Butan-1-ol | Fresh water | 0.082 mg/l |
| | Freshwater - intermittent | 2.25 mg/l |
| | Marine water | 0.008 mg/l |
| | Sewage treatment plant | 2476 mg/l |
| | Fresh water sediment | 0.324 mg/kg dry weight (d.w.) |
| | Marine sediment | 0.032 mg/kg dry weight (d.w.) |
| | Soil | 0.017 mg/kg dry weight (d.w.) |
| Triethylamine | Fresh water | 0.11 mg/l |
| | Marine water | 0.011 mg/l |
| | Intermittent use/release | 0.08 mg/l |
| | Sewage treatment plant | 100 mg/l |
| | Fresh water sediment | 1575 mg/kg dry weight (d.w.) |
| | Soil | 0.25 mg/kg dry weight (d.w.) |
| | Marine sediment | 0.158 mg/kg dry weight (d.w.) |
| Chlorine | Fresh water | 0.21 µg/l |
| | Freshwater - intermittent | 0.26 µg/l |
| | Marine water | 0.042 µg/l |
| | Sewage treatment plant | 0.03 mg/l |
| | Oral (Secondary Poisoning) | 11.1 mg/kg food |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

8.2 Exposure controls

Engineering measures

Processing may form hazardous compounds (see section 10).
Ensure adequate ventilation, especially in confined areas.
Minimize workplace exposure concentrations.

Personal protective equipment

Eye/face protection : Wear the following personal protective equipment:
Safety goggles
Equipment should conform to I.S. EN 166

Hand protection

Material : Chemical-resistant gloves

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.
Filter should conform to I.S. EN 14387

Filter type : Combined particulates, acidic gas/vapour and organic vapour type (AE-P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : green

Odour : No data available

Odour Threshold : No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Melting point/freezing point : No data available

Initial boiling point and boiling range : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) : Not applicable

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : does not flash

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : 8.5 - 11.0

Viscosity
Viscosity, kinematic : No data available

Solubility(ies)
Water solubility : No data available

Partition coefficient: n-octanol/water : Not applicable

Vapour pressure : No data available

Density : 1.2030 g/cm³

Relative vapour density : No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Particle characteristics
Assessment : This substance/ mixture contains nanoforms (according to REACH Regulation)

Particle size : Not applicable

Further particle properties for nanomaterials see section 3

9.2 Other information

Explosives : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Evaporation rate : No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Hazardous decomposition products will be formed at elevated temperatures.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : None.

10.6 Hazardous decomposition products

Thermal decomposition : Hydrofluoric acid
Carbonyl difluoride
Carbon dioxide
Carbon monoxide

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

SECTION 11: Toxicological information

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

Information on likely routes of exposure :

- Inhalation
- Skin contact
- Ingestion
- Eye contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Components:

Butan-1-ol:

Acute oral toxicity : LD50 (Rat, female): 790 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 17.76 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit, male): 3,430 mg/kg

2,6,8-Trimethyl-4-nonyloxypolyethyleneoxyethanol:

Acute oral toxicity : LD50 (Rat): 3,300 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

Triethylamine:

Acute oral toxicity : Acute toxicity estimate (Rat): 100 mg/kg
Method: Expert judgement

Acute inhalation toxicity : LC50 (Rat): 7.2 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Acute dermal toxicity : Acute toxicity estimate: 300 mg/kg
Method: Expert judgement

Chlorine:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): 283 ppm
Exposure time: 1 h
Test atmosphere: gas

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Remarks: Based on data from similar materials

Chromium oxide:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5.41 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Skin corrosion/irritation

Not classified based on available information.

Components:

Butan-1-ol:

Species : Rabbit
Result : Skin irritation

2,6,8-Trimethyl-4-nonyloxypolyethyleneoxyethanol:

Result : Skin irritation

Triethylamine:

Species : Rabbit
Result : Corrosive after 3 minutes or less of exposure

Chlorine:

Result : Skin irritation
Remarks : Based on national or regional regulation.

Chromium oxide:

Species : Rabbit
Method : OECD Test Guideline 404

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Result : No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

Butan-1-ol:

| | |
|---------|-----------------------------------|
| Species | : Rabbit |
| Method | : OECD Test Guideline 405 |
| Result | : Irreversible effects on the eye |

2,6,8-Trimethyl-4-nonyloxypolyethyleneoxyethanol:

Result : Irreversible effects on the eye

Triethylamine:

| | |
|---------|-----------------------------------|
| Species | : Rabbit |
| Result | : Irreversible effects on the eye |

Chlorine:

| | |
|---------|--|
| Species | : Rabbit |
| Result | : Irritation to eyes, reversing within 21 days |
| Remarks | : Based on data from similar materials |

Chromium oxide:

| | |
|---------|---------------------------|
| Species | : Rabbit |
| Method | : OECD Test Guideline 405 |
| Result | : No eye irritation |

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Butan-1-ol:

| | |
|-----------------|---------------------------------|
| Test Type | : Local lymph node assay (LLNA) |
| Exposure routes | : Skin contact |
| Species | : Mouse |
| Result | : negative |

Triethylamine:

| | |
|-----------------|----------------------------------|
| Test Type | : Mouse ear swelling test (MEST) |
| Exposure routes | : Skin contact |
| Species | : Mouse |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Result : negative
Remarks : Based on data from similar materials

Chlorine:

Test Type : Buehler Test
Exposure routes : Skin contact
Species : Guinea pig
Result : negative
Remarks : Based on data from similar materials

Chromium oxide:

Test Type : Buehler Test
Exposure routes : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : negative
Remarks : Based on data from similar materials

Germ cell mutagenicity

Not classified based on available information.

Components:

Butan-1-ol:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Test Type: In vitro mammalian cell gene mutation test
Method: OECD Test Guideline 476
Result: negative

Test Type: Chromosome aberration test in vitro
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo
cytogenetic assay)
Species: Mouse
Application Route: Ingestion
Method: OECD Test Guideline 474
Result: negative

Triethylamine:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Test Type: In vitro sister chromatid exchange assay in mam-
malian cells
Result: negative

Genotoxicity in vivo : Test Type: Mutagenicity (in vivo mammalian bone-marrow

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

cytogenetic test, chromosomal analysis)
Species: Rat
Application Route: inhalation (vapour)
Result: negative

Chlorine:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: positive
Remarks: Based on data from similar materials

Test Type: Bacterial reverse mutation assay (AMES)
Result: negative
Remarks: Based on data from similar materials

Test Type: Chromosome aberration test in vitro
Result: positive
Remarks: Based on data from similar materials

Test Type: Chromosome aberration test in vitro
Result: equivocal
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo
cytogenetic assay)
Species: Mouse
Application Route: Ingestion
Result: negative
Remarks: Based on data from similar materials

Test Type: Mutagenicity (in vivo mammalian bone-marrow
cytogenetic test, chromosomal analysis)
Species: Mouse
Application Route: Ingestion
Result: negative
Remarks: Based on data from similar materials

Chromium oxide:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo
cytogenetic assay)
Species: Mouse
Application Route: Intraperitoneal injection
Method: OECD Test Guideline 474
Result: negative

Carcinogenicity

Not classified based on available information.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Components:

Chlorine:

| | | |
|-------------------|---|------------------|
| Species | : | Rat |
| Application Route | : | inhalation (gas) |
| Exposure time | : | 2 Years |
| Result | : | negative |

Chromium oxide:

| | | |
|-------------------|---|-----------|
| Species | : | Rat |
| Application Route | : | Ingestion |
| Exposure time | : | 2 Years |
| Result | : | negative |

Reproductive toxicity

Not classified based on available information.

Components:

Butan-1-ol:

| | | |
|----------------------|---|---|
| Effects on fertility | : | Test Type: Two-generation reproduction toxicity study Species: Rat Application Route: inhalation (vapour) Method: OECD Test Guideline 416 Result: negative Remarks: Based on data from similar materials |
|----------------------|---|---|

| | | |
|-------------------------------|---|--|
| Effects on foetal development | : | Test Type: Embryo-foetal development Species: Rat Application Route: Ingestion Result: negative |
|-------------------------------|---|--|

Triethylamine:

| | | |
|----------------------|---|--|
| Effects on fertility | : | Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 422 Result: negative Remarks: Based on data from similar materials |
|----------------------|---|--|

| | | |
|-------------------------------|---|--|
| Effects on foetal development | : | Test Type: Embryo-foetal development Species: Rat Application Route: Ingestion Method: OECD Test Guideline 414 Result: negative Remarks: Based on data from similar materials |
|-------------------------------|---|--|

Chlorine:

| | | |
|----------------------|---|--|
| Effects on fertility | : | Test Type: Fertility/early embryonic development |
|----------------------|---|--|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Species: Rat
Application Route: Ingestion
Result: negative

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Result: negative
Remarks: Based on data from similar materials

Chromium oxide:

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Result: negative
Remarks: Based on data from similar materials

STOT - single exposure

Not classified based on available information.

Components:

Butan-1-ol:

Assessment : May cause respiratory irritation.
Assessment : May cause drowsiness or dizziness.

Triethylamine:

Assessment : May cause respiratory irritation.

Chlorine:

Assessment : May cause respiratory irritation.
Remarks : Based on national or regional regulation.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

Butan-1-ol:

Species : Rat
NOAEL : 125 mg/kg
LOAEL : 500 mg/kg
Application Route : Ingestion
Exposure time : 13 Weeks

Species : Rat
NOAEL : > 1 mg/l

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Application Route : inhalation (vapour)
Exposure time : 13 Weeks
Remarks : Based on data from similar materials

Triethylamine:

Species : Rat
NOAEL : 1.02 mg/l
Application Route : inhalation (vapour)
Exposure time : 28 Weeks

Chromium oxide:

Species : Rat
NOAEL : 2,000 mg/kg
Application Route : Ingestion
Exposure time : 90 Days

Aspiration toxicity

Not classified based on available information.

Components:

Butan-1-ol:

The substance or mixture causes concern owing to the assumption that it causes a human aspiration toxicity hazard.

11.2 Information on other hazards

Endocrine disrupting properties

Not classified based on available information.

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure

Product:

Inhalation : Symptoms: Irritation
Skin contact : Symptoms: Irritation
Eye contact : Symptoms: Irritation
Ingestion : Symptoms: Nausea, Diarrhoea, Vomiting

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

SECTION 12: Ecological information

12.1 Toxicity

Components:

Butan-1-ol:

- | | | |
|--|---|---|
| Toxicity to fish | : | LC50 (Pimephales promelas (fathead minnow)): 1,376 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 1,328 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | ErC50 (Raphidocelis subcapitata (freshwater green alga)): 225 mg/l Exposure time: 96 h Method: OECD Test Guideline 201 EC10 (Raphidocelis subcapitata (freshwater green alga)): 134 mg/l Exposure time: 96 h Method: OECD Test Guideline 201 |
| Toxicity to microorganisms | : | EC10 (Pseudomonas putida): 2,476 mg/l Exposure time: 17 h Method: DIN 38 412 Part 8 |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: 4.1 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211 |

2,6,8-Trimethyl-4-nonyloxypolyethyleneoxyethanol:

- | | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Pimephales promelas (fathead minnow)): 39 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 81.2 mg/l Exposure time: 48 h |

Triethylamine:

- | | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Oncorhynchus mykiss (rainbow trout)): 36 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Ceriodaphnia dubia (water flea)): 17 mg/l Exposure time: 48 h |
| Toxicity to algae/aquatic plants | : | NOEC (Pseudokirchneriella subcapitata (green algae)): 1.1 mg/l Exposure time: 72 h |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Method: OECD Test Guideline 201

ErC50 (Pseudokirchneriella subcapitata (green algae)): 8 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to microorganisms : EC10 (Pseudomonas putida): 71 mg/l
Exposure time: 17 h
Method: DIN 38 412 Part 8

Toxicity to daphnia and other : NOEC: 7.1 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 7 d
Species: Ceriodaphnia dubia (water flea)

Chlorine:

Toxicity to fish : LC50 (Oncorhynchus kisutch (coho salmon)): > 0.01 - 0.1 mg/l
Exposure time: 96 h
Remarks: Based on data from similar materials

Toxicity to daphnia and other : EC50 : > 1 - 10 µg/l
aquatic invertebrates Exposure time: 48 h
Remarks: Based on data from similar materials

Toxicity to algae/aquatic : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 0.01
plants - 0.1 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Based on data from similar materials

NOEC : > 0.001 - 0.01 mg/l
Exposure time: 7 d
Remarks: Based on data from similar materials

M-Factor (Acute aquatic toxicity) : 100

Toxicity to microorganisms : EC50 : > 3 mg/l
Exposure time: 3 h
Remarks: Based on data from similar materials

Toxicity to fish (Chronic toxicity) : NOEC: > 0.01 - 0.1 mg/l
Exposure time: 28 d
Species: Menidia peninsulae (tidewater silverside)
Remarks: Based on data from similar materials

Toxicity to daphnia and other : NOEC: > 0.01 - 0.1 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 21 d
Remarks: Based on data from similar materials

M-Factor (Chronic aquatic toxicity) : 100

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Chromium oxide:

- | | | |
|--|---|--|
| Toxicity to fish | : | LC50 (Danio rerio (zebra fish)): > 10,000 mg/l Exposure time: 96 h |
| Toxicity to algae/aquatic plants | : | EC50 (Desmodesmus subspicatus (green algae)): > 848.6 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| Toxicity to microorganisms | : | EC50 : > 10,000 mg/l Exposure time: 3 h |
| Toxicity to fish (Chronic toxicity) | : | NOEC: 1,000 mg/l Exposure time: 30 d Species: Danio rerio (zebra fish) |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: > 0.02 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Remarks: No toxicity at the limit of solubility |

12.2 Persistence and degradability

Components:

Butan-1-ol:

- | | | |
|------------------|---|---|
| Biodegradability | : | Result: Readily biodegradable. Biodegradation: 92 % Exposure time: 20 d |
|------------------|---|---|

2,6,8-Trimethyl-4-nonyloxypolyethyleneoxyethanol:

- | | | |
|------------------|---|------------------------------------|
| Biodegradability | : | Result: Not readily biodegradable. |
|------------------|---|------------------------------------|

Triethylamine:

- | | | |
|------------------|---|--|
| Biodegradability | : | Result: Readily biodegradable. Biodegradation: 80.3 % Exposure time: 29 d Method: OECD Test Guideline 301B Remarks: Based on data from similar materials |
|------------------|---|--|

12.3 Bioaccumulative potential

Components:

Butan-1-ol:

- | | | |
|--|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: 1 Method: OECD Test Guideline 117 |
|--|---|---|

Triethylamine:

- | | | |
|-----------------|---|---------------------------------|
| Bioaccumulation | : | Species: Cyprinus carpio (Carp) |
|-----------------|---|---------------------------------|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Bioconcentration factor (BCF): < 0.5
Method: OECD Test Guideline 305C

Partition coefficient: n-octanol/water : log Pow: 1.45

Chlorine:

Partition coefficient: n-octanol/water : log Pow: -0.85
Remarks: Calculation

Chromium oxide:

Bioaccumulation : Species: Fish
Bioconcentration factor (BCF): 260 - 800

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
Do not dispose of waste into sewer.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number or ID number

| | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

14.2 UN proper shipping name

| | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

14.3 Transport hazard class(es)

| | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

14.4 Packing group

| | |
|------------------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA (Cargo) | : Not regulated as a dangerous good |
| IATA (Passenger) | : Not regulated as a dangerous good |

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Remarks : Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:
Number on list 3

Number on list 19: Arsenic

Number on list 72: Arsenic, Unspecified chromium (VI) compounds, N,N-Dimethylacetamide, N-Methyl-2-pyrrolidone, Formaldehyde

Number on list 75: If you intend to use this product as tattoo ink, please contact your vendor.

Number on list 77: Formaldehyde

Substance(s) or mixture(s) are listed here according to their appearance in the regulation, irrespective of their use/purpose or the conditions of the restriction. Please refer to the conditions in corresponding Regulation to determine whether an entry is applicable to the placing on the market or not.

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information : Chemours™ and the Chemours Logo are trademarks of The Chemours Company.
Before use read Chemours safety information.
For further information contact the local Chemours office or nominated distributors.
In case of annexes attached to this safety data sheet, the safe use information provided represents consolidated advice for the mixture while it is presented in an exposure scenario (ES) format.

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Full text of H-Statements

| | |
|------|---|
| H225 | : Highly flammable liquid and vapour. |
| H226 | : Flammable liquid and vapour. |
| H270 | : May cause or intensify fire; oxidizer. |
| H280 | : Contains gas under pressure; may explode if heated. |
| H301 | : Toxic if swallowed. |
| H302 | : Harmful if swallowed. |
| H311 | : Toxic in contact with skin. |
| H314 | : Causes severe skin burns and eye damage. |
| H315 | : Causes skin irritation. |
| H318 | : Causes serious eye damage. |
| H319 | : Causes serious eye irritation. |
| H330 | : Fatal if inhaled. |
| H331 | : Toxic if inhaled. |
| H335 | : May cause respiratory irritation. |
| H336 | : May cause drowsiness or dizziness. |
| H400 | : Very toxic to aquatic life. |
| H410 | : Very toxic to aquatic life with long lasting effects. |
| H412 | : Harmful to aquatic life with long lasting effects. |

Full text of other abbreviations

| | |
|---------------|-------------------------------------|
| Acute Tox. | : Acute toxicity |
| Aquatic Acute | : Short-term (acute) aquatic hazard |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

| | |
|-------------------------------|--|
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Eye Dam. | : Serious eye damage |
| Eye Irrit. | : Eye irritation |
| Flam. Liq. | : Flammable liquids |
| Ox. Gas | : Oxidizing gases |
| Press. Gas | : Gases under pressure |
| Skin Corr. | : Skin corrosion |
| Skin Irrit. | : Skin irritation |
| STOT SE | : Specific target organ toxicity - single exposure |
| 2000/39/EC | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| 2004/37/EC | : Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens, mutagens or reprotoxic substances at work - Annex III |
| 2006/15/EC | : Europe. Indicative occupational exposure limit values |
| 2017/164/EU | : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values |
| IE OEL | : Ireland. List of Chemical Agents and Carcinogens with Occupational Exposure Limit Values - Code of Practice, Schedule 1 and 2 |
| 2000/39/EC / TWA | : Limit Value - eight hours |
| 2000/39/EC / STEL | : Short term exposure limit |
| 2004/37/EC / STEL | : Short term exposure limit |
| 2004/37/EC / TWA | : Long term exposure limit |
| 2006/15/EC / TWA | : Limit Value - eight hours |
| 2006/15/EC / STEL | : Short term exposure limit |
| 2017/164/EU / STEL | : Short term exposure limit |
| 2017/164/EU / TWA | : Limit Value - eight hours |
| IE OEL / OELV - 8 hrs (TWA) | : Occupational exposure limit value (8-hour reference period) |
| IE OEL / OELV - 15 min (STEL) | : Occupational exposure limit value (15-minute reference period) |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



321G-704 ONE COAT GREEN

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08.11.2024 |
| 11.1 | 15.05.2025 | 4789731-00018 | Date of first issue: 27.08.2019 |

Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Classification of the mixture:

| | |
|-------------------|------|
| Eye Irrit. 2 | H319 |
| Aquatic Chronic 3 | H412 |

Classification procedure:

| |
|--------------------|
| Calculation method |
| Calculation method |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

IE / EN