

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 3/3/2026 Version: 5.0

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : Texart ink, SBL3-MG

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

Main use category : Professional use  
Function or use category : Inkjet Printing ink

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Roland DG Corporation  
1-1-2 Shinmiyakoda, Hamana-ku,  
Hamamatsu-shi, Shizuoka-ken, 431-2103 Japan  
〒431-2103  
T +81-53-484-1200

**Supplier**

Roland DG EMEA N.V.  
Bell Telephonelaan 2G, 2440 Geel, Belgium  
T +32 (0) 14 57 59 11  
[deu-demand-planning@rolanddg.com](mailto:deu-demand-planning@rolanddg.com)

**1.4. Emergency telephone number**

| Country/Area   | Organisation/Company                                     | Emergency number  | Comment          |
|----------------|--|---|------------------|
| Ireland        | Poisons Information Centre of Ireland                    | +353 18 37 99 64 (medical professionals)<br>+353 18 09 21 66 (public) |                  |
| Malta          | Malta Competition and Consumer Affairs Authority (MCCAA) | +356 2395 2000<br>1774 helpline for accidental poisoning              |                  |
| United Kingdom | Emergency number England                                 | 999<br>NHS 111  | or call a doctor |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

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**2.3. Other hazards**

No additional information available

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures**

| Name                        | Product identifier                     | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------------------|--|---------|---|
| Water                       | CAS-No.: 7732-18-5                     | 60 – 70 | Not classified  |
| 1,2-Propanediol             | CAS-No.: 57-55-6<br>EC-No.: 200-338-0  | 5 – 15  | Not classified  |
| Additives                   | -                                      | 5 – 15  | Not classified  |
| Colouring agents            | -                                      | 1 – 10  | Not classified  |
| Ethanol, 2,2',2"-nitrotris- | CAS-No.: 102-71-6<br>EC-No.: 203-049-8 | 0 – 1   | Not classified  |

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If you feel unwell, seek medical advice.  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact | : Wash skin with plenty of water.   |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                            |
| First-aid measures for first aider    | : First aid workers will be equipped with suitable personal protective equipment. |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : None under normal conditions.   |
| Symptoms/effects after eye contact  | : None under normal conditions.   |
| Symptoms/effects after ingestion    | : None under normal conditions.   |

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

Treat symptomatically.

**SECTION 5: Firefighting measures**
**5.1. Extinguishing media**

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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**5.2. Special hazards arising from the substance or mixture**

- Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

**5.3. Advice for firefighters**

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

- General measures : Stop leak if safe to do so. Absorb spillage to prevent material damage.

**For non-emergency personnel**

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area.

**For emergency responders**

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

**6.4. Reference to other sections**

For further information refer to section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

- Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Store always product in container of same material as original container.

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**7.3. Specific end use(s)**

Inkjet Printing ink.

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**DNEL and PNEC**
**1,2-Propanediol (57-55-6)**
**DNEL/DMEL (Workers)**

|  |                       |
|--|-----------------------|
| Long-term - systemic effects, inhalation | 168 mg/m <sup>3</sup> |
| Long-term - local effects, inhalation    | 10 mg/m <sup>3</sup>  |

**DNEL/DMEL (General population)**

|  |                      |
|--|----------------------|
| Long-term - systemic effects, inhalation | 50 mg/m <sup>3</sup> |
| Long-term - local effects, inhalation    | 10 mg/m <sup>3</sup> |

**PNEC (Water)**

|                                      |          |
|--------------------------------------|----------|
| PNEC aqua (freshwater)               | 260 mg/l |
| PNEC aqua (marine water)             | 26 mg/l  |
| PNEC aqua (intermittent, freshwater) | 183 mg/l |

**PNEC (Sediment)**

|                              |                |
|------------------------------|----------------|
| PNEC sediment (freshwater)   | 572 mg/kg dwt  |
| PNEC sediment (marine water) | 57.2 mg/kg dwt |

**PNEC (Soil)**

|           |              |
|-----------|--------------|
| PNEC soil | 50 mg/kg dwt |
|-----------|--------------|

**PNEC (STP)**

|                             |            |
|-----------------------------|------------|
| PNEC sewage treatment plant | 20000 mg/l |
|-----------------------------|------------|

**Ethanol, 2,2',2"-nitrioltris- (102-71-6)**
**DNEL/DMEL (Workers)**

|                                       |                          |
|---------------------------------------|--------------------------|
| Long-term - systemic effects, dermal  | 7.5 mg/kg bodyweight/day |
| Long-term - local effects, dermal     | 140 µg/cm <sup>2</sup>   |
| Long-term - local effects, inhalation | 1 mg/m <sup>3</sup>      |

**DNEL/DMEL (General population)**

|                                       |                           |
|---------------------------------------|---------------------------|
| Long-term - systemic effects, oral    | 3.3 mg/kg bodyweight/day  |
| Long-term - systemic effects, dermal  | 2.66 mg/kg bodyweight/day |
| Long-term - local effects, dermal     | 70 µg/cm <sup>2</sup>     |
| Long-term - local effects, inhalation | 0.4 mg/m <sup>3</sup>     |

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| Ethanol, 2,2',2''-nitrioltris- (102-71-6) |                 |
|---|-----------------|
| <b>PNEC (Water)</b>                       |                 |
| PNEC aqua (freshwater)                    | 0.32 mg/l       |
| PNEC aqua (marine water)                  | 0.032 mg/l      |
| PNEC aqua (intermittent, freshwater)      | 5.12 mg/l       |
| <b>PNEC (Sediment)</b>                    |                 |
| PNEC sediment (freshwater)                | 1.7 mg/kg dwt   |
| PNEC sediment (marine water)              | 0.17 mg/kg dwt  |
| <b>PNEC (Soil)</b>                        |                 |
| PNEC soil                                 | 0.151 mg/kg dwt |
| <b>PNEC (STP)</b>                         |                 |
| PNEC sewage treatment plant               | 10 mg/l         |

## 8.2. Exposure controls

### Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

### Personal protection equipment

**Personal protective equipment:**

Wear recommended personal protective equipment.

### Eye and face protection

**Eye protection:**

Not required under suitable use as setting the ink on the printer. However, in case of direct contact to the ink, wear EN166 approved safety glasses or chemical splash goggles.

### Skin protection

**Skin and body protection:**

Not required under suitable use as setting the ink on the printer. However, in case of direct contact to the ink, wear protective clothing.

**Hand protection:**

Not required under suitable use as setting the ink on the printer. However, in case of direct contact to the ink, use protective gloves.

### Respiratory protection

**Respiratory protection:**

No respiratory protection needed under normal use conditions. However, in case of direct contact to the ink, use a respiratory protection.

### Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Wash hands immediately after handling the product. And wash it before reuse. Do not eat, drink or smoke during work.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|   |                     |
|---|---------------------|
| Physical state                                  | : Liquid            |
| Colour  | : Magenta.          |
| Odour   | : characteristic.   |
| Odour threshold                                 | : Not available     |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : Not available     |
| Boiling point                                   | : Not available     |
| Flammability                                    | : Non flammable.    |
| Lower explosion limit                           | : Not available     |
| Upper explosion limit                           | : Not available     |
| Flash point                                     | : > 100 °C          |
| Auto-ignition temperature                       | : Not available     |
| Decomposition temperature                       | : Not available     |
| pH  | : 7.5 – 9.5         |
| Viscosity, kinematic                            | : Not available     |
| Solubility                                      | : soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available     |
| Vapour pressure                                 | : Not available     |
| Vapour pressure at 50°C                         | : Not available     |
| Density   | : Not available     |
| Relative density                                | : 1.05 – 1.15       |
| Relative vapour density at 20°C                 | : Not available     |
| Particle characteristics                        | : Not applicable    |

**9.2. Other information****Other safety characteristics**

VOC content : No data

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions.

**10.5. Incompatible materials**

No additional information available

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**10.6. Hazardous decomposition products**

Carbon monoxide, carbon dioxide, oxides of nitrogen, toxic gases/vapors.

**SECTION 11: Toxicological information**
**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
 Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
 Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

| <b>1,2-Propanediol (57-55-6)</b> |  |
|----------------------------------|--|
| LD50 oral rat                    | 22000 mg/kg bodyweight Animal: rat             |
| LD50 oral                        | 8000 mg/kg                                     |
| LD50 dermal rabbit               | > 2000 mg/kg bodyweight Animal: rabbit         |
| LD50 dermal                      | 20800 mg/kg                                    |
| LC50 Inhalation - Rat            | > 44.9 mg/l air Animal: rat, Guideline: other: |

| <b>Ethanol, 2,2',2"-nitrilotris- (102-71-6)</b> |  |
|---|--|
| LD50 oral rat                                   | 6400 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 oral                                       | 8000 mg/kg   |
| LD50 dermal rabbit                              | 2000 mg/kg   |
| LD50 dermal                                     | 2500 mg/kg   |

| <b>Additives</b> |  |
|------------------|--|
| LD50 oral rat    | 15900 mg/kg Source: Corporate Solution From Thomson Micromedex |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
 pH: 7.5 – 9.5  
 Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
 pH: 7.5 – 9.5  
 Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
 Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
 Carcinogenicity : IARC evaluated printing ink as a Group3(Not classifiable as to carcinogenicity to humans).

| <b>Ethanol, 2,2',2"-nitrilotris- (102-71-6)</b> |                      |
|---|----------------------|
| IARC group                                      | 3 - Not classifiable |

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)  
 STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
 STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)  
 Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

**11.2. Information on other hazards**

No additional information available

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**SECTION 12: Ecological information**
**12.1. Toxicity**

- Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
- Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)
- Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

**12.2. Persistence and degradability**
**Texart ink, SBL3-MG**

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | No data available. |
|-------------------------------|--------------------|

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Endocrine disrupting properties**

No additional information available

**12.7. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**

- Regional waste regulation : Disposal must be done according to official regulations.
- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Sewage disposal recommendations : Disposal must be done according to official regulations.
- Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
- Additional information : Do not re-use empty containers.
- European List of Waste (LoW, EC 2000/532) : 08 03 13 - waste ink other than those mentioned in 08 03 12

**SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

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| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |               |               |
| Not regulated for transport             |               |               |               |               |
| <b>14.2. UN proper shipping name</b>    |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |               |

**14.6. Special precautions for user**
**Overland transport**

Not regulated

**Transport by sea**

Not regulated

**Air transport**

Not regulated

**Inland waterway transport**

Not regulated

**Rail transport**

Not regulated

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable

**SECTION 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU-Regulations**
**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

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**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**VOC Directive (2004/42)**

VOC content : No data

**Explosives Precursors Regulation (EU 2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (EC 273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: Other information**
**Abbreviations and acronyms:**

|        |   |
|--------|---|
| ADN    | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE    | Acute Toxicity Estimate   |
| BCF    | Bioconcentration factor   |
| BLV    | Biological limit value  |
| BOD    | Biochemical oxygen demand (BOD)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Median effective concentration  |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |
| IMDG   | International Maritime Dangerous Goods  |
| LC50   | Median lethal concentration   |
| LD50   | Median lethal dose  |

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| Abbreviations and acronyms: |  |
|-----------------------------|--|
| LOAEL                       | Lowest Observed Adverse Effect Level   |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level   |
| NOEC                        | No-Observed Effect Concentration   |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit  |
| PBT                         | Persistent Bioaccumulative Toxic   |
| PNEC                        | Predicted No-Effect Concentration  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| CAS-No.                     | Chemical Abstract Service number   |
| N.O.S.                      | Not Otherwise Specified  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disruptor  |

RDG Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.