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

**Product identifier**
7011 Trodat Ideal Green

**Relevant identified uses of the substance or mixture and uses advised against**
Paint
none

**Company**
Trodat GmbH
Linzerstr. 156
4600 Wels / AUSTRIA
Phone +43 (0) 7242 239 - 0
Fax +43 (0) 7242 239 - 940
Homepage www.trodat.net
E-mail trodat@trodat.net

**Address enquiries to**
Emergency telephone number Advisory body
+43 (0) 1 406 43 43 (24h)

Emergency telephone number Company
+43 (0) 7242 239 - 0 Mo-Fr 8:00 - 16:00

**Technical information**
trodat@trodat.net

**Safety Data Sheet**
sdb@chemiebuero.de

### SECTION 2: Hazards identification

**Emergency Overview**
Appearance, Odor:
liquid, green, characteristic

**OSHA Regulatory Status**
This product is classified as non-hazardous in accordance to OSHA Standard 29 CFR 1910.1200.

**Potential health effects**

**Potential environmental effects**
Does not contain any PBT or vPvB substances.

### SECTION 3: Composition / Information on ingredients

The product is a mixture.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Range [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>20 - &lt; 30</td>
</tr>
<tr>
<td>2,2′-oxybisethanol</td>
<td>15 - &lt; 20</td>
</tr>
<tr>
<td>C.I. Acid Blue 9 (C.I. 42090)</td>
<td>2 - &lt; 5</td>
</tr>
<tr>
<td>C.I. Pigment Green 7 (polychloro copper phthalocyanine)</td>
<td>1 - &lt; 3</td>
</tr>
<tr>
<td>C.I. Pigment Blue (29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper)</td>
<td>1 - &lt; 3</td>
</tr>
<tr>
<td>Dinatrium-2-amino-5-[(4-sulfonatophenyl)jazo]benzolsulfonat</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

**Comment on component parts**
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements and R-phrases: see SECTION 16.
**SECTION 4: First aid measures**

**Description of first aid measures**  
Take off contaminated clothing and wash before reuse.

**Inhalation**  
Ensure supply of fresh air.  
In the event of symptoms seek for medical treatment.

**Skin contact**  
When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.

**Eye contact**  
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Ingestion**  
Seek medical advice immediately.  
Rinse out mouth and give plenty of water to drink.  
Do not induce vomiting.

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

**SECTION 5: Fire-fighting measures**

**Suitable extinguishing media**  
Extinguish blanket.  
Carbon dioxide.  
Foam.

**Extinguishing media that must not be used**  
Full water jet.

**Special exposure hazards arising from the substance or preparation itself or combustion products**  
Risk of formation of toxic pyrolysis products.  
Carbon monoxide (CO).  
Nitrogen oxides (NOx).  
Sulphur oxides (SOx).

**Special protective equipment for firefighters**  
Use self-contained breathing apparatus.

**Additional information**  
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**  
High risk of slipping due to leakage/spillage of product.  
Ensure adequate ventilation.  
Keep away from all sources of ignition.

**Environmental precautions**  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not discharge into the drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**  
Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).  
Dispose of absorbed material in accordance within the regulations.

**SECTION 7: Handling and storage**

**Precautions for safe handling**  
Use only in well-ventilated areas.

**Requirements for storage rooms and vessels**  
Keep only in original container.  
Prevent penetration into the ground.  
Provide floor with bunding.

**Advice on storage compatibility**  
Do not store together with oxidizing agents.

**Further information on storage conditions**  
Keep container in a well-ventilated place.  
Keep container tightly closed.  
Protect from heat/overheating.
Trodat GmbH
4600 Wels

SECTION 8: Exposure controls / personal protection

Additional advice on system design
Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored (US)

<table>
<thead>
<tr>
<th>Range [%]</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 - &lt; 30</td>
<td>Glycerol</td>
</tr>
</tbody>
</table>

CAS: 56-81-5, EINECS/ELINCS: 200-289-5
Long-term exposure: 15 mg/m³, (mist) total dust

Respiratory protection
Breathing apparatus in the event of high concentrations.
Short term: filter apparatus, combination filter A-P2.

Hand protection
Butyl rubber, >480 min (EN 374).
The details concerned are recommendations. Please contact the glove supplier for further information.

Eye protection
If there is a risk of splashing:
Safety glasses.

Skin protection
light protective clothing

General protective measures
Avoid contact with eyes and skin.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

Hygiene measures
Take off contaminated clothing and wash before reuse.
Do not eat, drink or smoke when using this product.
Wash face and/or hands before break and end of work.
Use barrier skin cream.

SECTION 9: Physical and chemical properties

Form liquid
Color green
Odor characteristic
pH-value not determined
pH-value [%] not determined
Boiling point [°C] not determined
Flash point [°C] > 146
Flammability [°C] ca. 225
Lower explosion limit not applicable
Upper explosion limit not applicable
Oxidizing properties no
Vapour pressure/gas pressure [kPa] ca. 0.01 (20 °C)
Density [g/ml] not determined
Bulk density [kg/m³] not applicable
Solubility in water completely miscible
Partition coefficient [n-octanol/water] not determined
Viscosity not determined
Relative vapour density determined in air not determined
Evaporation speed not determined
Melting point [°C] not determined
Autoignition temperature [°C] not determined
Decomposition temperature [°C] not determined
SECTION 10: Stability and reactivity

Reactivity
No dangerous reactions known if used as directed.

Chemical stability
Stable under normal ambient conditions (ambient temperature).

Possibility of hazardous reactions
Reactions with oxidizing agents.

Conditions to avoid
See SECTION 7.2.

Incompatible materials
No information available.

Hazardous decomposition products
No hazardous decomposition products known.

In the event of fire: See SECTION 5.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Range [%]</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 - &lt; 20</td>
<td>2,2'-oxybisethanol, CAS: 111-46-6</td>
</tr>
<tr>
<td></td>
<td>LD50, oral, Rat: 12565 mg/kg.</td>
</tr>
<tr>
<td></td>
<td>LD50, dermal, Rabbit: 11890 mg/kg.</td>
</tr>
<tr>
<td>20 - &lt; 30</td>
<td>Glycerol, CAS: 56-81-5</td>
</tr>
<tr>
<td></td>
<td>LD50, dermal, Rabbit: &gt; 18700 mg/kg (IUCID).</td>
</tr>
<tr>
<td></td>
<td>LD50, oral, Rat: 12600 mg/kg (IUCID).</td>
</tr>
</tbody>
</table>

Serious eye damage/irritation
not determined

Skin corrosion/irritation
not determined

Respiratory or skin sensitisation
not determined

Specific target organ toxicity — single exposure
not determined

Specific target organ toxicity — repeated exposure
not determined

Mutagenicity
not determined

Reproduction toxicity
not determined

Carcinogenicity
not determined

General remarks
Toxicological data of complete product are not available.

No classification on the basis of the calculation procedure of the preparation directive.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 12: Ecological information

Toxicity

<table>
<thead>
<tr>
<th>Range [%]</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 - &lt; 30</td>
<td>Glycerol, CAS: 56-81-5</td>
</tr>
<tr>
<td></td>
<td>LC50, (24h), Carassius auratus: &gt; 5000 mg/l.</td>
</tr>
<tr>
<td></td>
<td>EC50, (72h), Bacteria: &gt; 10000 mg/l.</td>
</tr>
<tr>
<td></td>
<td>EC50, (48h), Algae: &gt; 2900 mg/l.</td>
</tr>
<tr>
<td></td>
<td>EC50, (24h), Daphnia magna: &gt; 10000 mg/l.</td>
</tr>
</tbody>
</table>

Behaviour in environment compartments
not determined

Behaviour in sewage plant
not determined

Bacteria toxicity
not determined

Biological degradability
not determined

COD
not determined

BOD 5
not determined

Other adverse effects
No classification on the basis of the calculation procedure of the preparation directive.

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.
SECTION 13: Disposal considerations

Product
Coordinate disposal with the authorities if necessary.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Contaminated packaging
Packaging that cannot be cleaned should be disposed of as for product. Uncontaminated packaging may be taken for recycling.

RCRA Hazard Class (40CFR 261)
Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

SECTION 14: Transport information

Transport by land according to ADR/RID
NO DANGEROUS GOODS

Inland navigation (ADN)
NO DANGEROUS GOODS

Marine transport in accordance with IMDG
NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA
NOT CLASSIFIED AS "DANGEROUS GOODS"

DOT Road Shipment Information (49 CFR)
NOT CLASSIFIED AS "DANGEROUS GOODS"

SECTION 15: Regulatory information

US Regulations

National regulations
29 CFR 1910.1200, ANSI Z400.1-2010, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302
This product is not classified as hazardous under SARA 302.

- SARA, 311
This product is not classified as hazardous under SARA 311.

- SARA, 313
This product does not contain any ingredients regulated under this list.

- CA Proposition 65
No chemical substances in this material are named on the California P65 list.

- TSCA
All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

- FDA
Ingredients not listed as carcinogens.

American Conference of Governmental Industrial Hygienists - ACGIH
IARC: Not classifiable as to carcinogenicity to humans.

International Agency for Research on Cancer IARC

National Toxicology Program - NTP
Polychloro copper phthalocyanine (Testing Status)
Diethylene glycol (Testing Status)
Glycerol (Testing Status)

HAP-VOC
This product does not contain HAP’s.

Transport-regulations

Other Right to Know Laws

EC Regulations

Hazard pictograms
none

Signal word
none

Hazard statements
none

Labelling
none

Hazard symbols
none

R-phrases
none

S-phrases
none

Special labelling
Safety data sheet available for professional user on request.

www.chemiebuero.de, Phone +49 (0)941-646 353-0, info@chemiebuero.de, 140812a  trk00055 US
Observe employment restrictions for people

HMIS Ratings

| HEALTH       | 1* - Slight chronic Hazard |
| FLAMMABILITY | 1 - Slight Hazard           |
| REACTIVITY   | 0 - Minimal Hazard          |
| PERSONAL PROTECTION | X - Personal protection rating to be supplied by user depending on use conditions |

NFPA Ratings

TOP, FLAMMABILITY: 1 - Slight Hazard
LEFT, HEALTH: 1* - Slight chronic Hazard
RIGHT, REACTIVITY: 0 - Minimal Hazard

BOTTOM, SPECIAL NOTICE: -

Modified position

none

Key / Legende:
ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; EINCES = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TSCA = Toxic Substances Control Act