Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 Version number 7 (replaces version 6) Revision: 23.01.2024

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

• **1.1 Product identifier**

• **Trade name: Impralan-Lasur S150 farblos (2021)**

• **Article number:** W711505 (2021)
• **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
• **Application of the substance / the mixture** Coating

• **1.3 Details of the supplier of the safety data sheet**
• **Manufacturer/Supplier:**
RÜTGERS Organics GmbH
Oppauer Straße 43
D-68305 Mannheim
Tel.: **49-621-76540
US: 1-980-253-8880
Fax : **49-621-7654446
e-mail: SDB.rog@ruetgers-organics.de

• **Informing department:** see: Heading 16 (Contact)
• **1.4 Emergency telephone number:** see: Manufacturer/Supplier

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**
• **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the GB CLP regulation.

• **2.2 Label elements**
• **Labelling according to Regulation (EC) No 1272/2008** Void
• **Hazard pictograms** Void
• **Signal word** Void
• **Hazard statements** Void
• **Additional information:**
Contains 1,2-Benzisothiazol-3(2H)-on. May produce an allergic reaction.
Safety data sheet available on request.
• **2.3 Other hazards**
• **Results of PBT and vPvB assessment**
• **PBT:** Not applicable.
• **vPvB:** Not applicable.

*
SECTION 3: Composition/information on ingredients

• **3.2 Mixtures**
• **Description:** Mixture consisting of the following components.

• **Dangerous components:**		
CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	<2%
CAS: 7664-41-7 EINECS: 231-635-3 Index number: 007-001-00-5	ammonia, anhydrous Acute Tox. 3, H331; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Flam. Gas 2, H221; Press. Gas (Comp.), H280	<0.1%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-Benzisothiazol-3(2H)-on Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%

(Contd. on page 2)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 Version number 7 (replaces version 6) Revision: 23.01.2024

Trade name: Impralan-Lasur S150 farblos (2021)

(Contd. of page 1)

• **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

• **4.1 Description of first aid measures**
• **After inhalation** Supply fresh air; consult doctor in case of symptoms.
• **After skin contact** Instantly wash with water and soap and rinse thoroughly.
• **After eye contact** Rinse opened eye for several minutes under running water.
• **After swallowing** In case of persistent symptoms consult doctor.
• **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
• **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

• **5.1 Extinguishing media**
• **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
• **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
• **5.3 Advice for firefighters**
• **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
• **6.2 Environmental precautions:** Dilute with much water.
• **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
• **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

*
SECTION 7: Handling and storage

• **7.1 Precautions for safe handling** No special precautions necessary if used correctly.
• **Information about protection against explosions and fires:** No special measures required.

• **7.2 Conditions for safe storage, including any incompatibilities**
• **Storage**
• **Requirements to be met by storerooms and containers:** No special requirements.
• **Information about storage in one common storage facility:** Not required.
• **Further information about storage conditions:** None.
• **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

• **8.1 Control parameters**

• **Components with limit values that require monitoring at the workplace:**	
34590-94-8 Dipropylene glycol monomethyl ether	
WEL	Long-term value: 308 mg/m³, 50 ppm Sk

(Contd. on page 3)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 Version number 7 (replaces version 6) Revision: 23.01.2024

Trade name: Impralan-Lasur S150 farblos (2021)

(Contd. of page 2)

7664-41-7 ammonia, anhydrous	
WEL	Short-term value: 25 mg/m³, 35 ppm Long-term value: 18 mg/m³, 25 ppm

• **Additional information:** The lists that were valid during the compilation were used as basis.

• **8.2 Exposure controls**
• **Appropriate engineering controls**
Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients
• **Individual protection measures, such as personal protective equipment**
• **General protective and hygienic measures**
Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
• **Breathing equipment:** Not required.
• **Hand protection**
The glove material has to be impermeable and resistant to the product.
No recommendation to the specific glove material can be given for the product. Please refer to glove manufacurer for siutability.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
• **Material of gloves** Please refer to the above paragraph.
• **Penetration time of glove material**
Please refer to the glove manufacturer and the information in the paragraphs above.
• **Eye/face protection** Safety glasses recommended during refilling.
• **Body protection:**
Protective work clothing. Wear appropriate clothing to prevent any possibility of skin contact.

*
SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**	
• **General Information**	
• **Physical state**	Fluid
• **Colour:**	According to product specification
• **Odour:**	Characteristic
• **Odour threshold:**	Not determined.
• **Melting point/freezing point:**	Not determined
• **Boiling point or initial boiling point and boiling range**	100 °C (7732-18-5 water, distilled, conductivity or of similar purity)
• **Flammability**	Not applicable.
• **Lower and upper explosion limit**	
• **Lower:**	Not determined.
• **Upper:**	Not determined.
• **Flash point:**	Not applicable
• **Decomposition temperature:**	Not determined.
• **pH at 20 °C**	9.1
• **Viscosity:**	
• **Kinematic viscosity**	Not determined.
• **dynamic at 20 °C:**	7,100 mPas
• **Solubility**	
• **Water:**	Fully miscible
• **Partition coefficient n-octanol/water (log value)**	Not determined.
• **Vapour pressure at 20 °C:**	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)

(Contd. on page 4)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 Version number 7 (replaces version 6) Revision: 23.01.2024

Trade name: Impralan-Lasur S150 farblos (2021)

(Contd. of page 3)

• **Density and/or relative density**	
• **Density at 20 °C**	1.033 g/cm³
• **Relative density**	Not determined.
• **Vapour density**	Not determined.
• **9.2 Other information**	
• **Appearance:**	
• **Form:**	Fluid
• **Important information on protection of health and environment, and on safety.**	
• **Self-inflammability:**	Product is not selfigniting.
• **Explosive properties:**	Product is not explosive.
• **Solvent content:**	
• **Organic solvents:**	1.6 %
• **Water:**	58.3 %
• **Change in condition**	
• **Evaporation rate**	Not determined.
• **Information with regard to physical hazard classes**	
• **Explosives**	Void
• **Flammable gases**	Void
• **Aerosols**	Void
• **Oxidising gases**	Void
• **Gases under pressure**	Void
• **Flammable liquids**	Void
• **Flammable solids**	Void
• **Self-reactive substances and mixtures**	Void
• **Pyrophoric liquids**	Void
• **Pyrophoric solids**	Void
• **Self-heating substances and mixtures**	Void
• **Substances and mixtures, which emit flammable gases in contact with water**	Void
• **Oxidising liquids**	Void
• **Oxidising solids**	Void
• **Organic peroxides**	Void
• **Corrosive to metals**	Void
• **Desensitised explosives**	Void

SECTION 10: Stability and reactivity

• **10.1 Reactivity** No further relevant information available.
• **10.2 Chemical stability**
• **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
• **10.3 Possibility of hazardous reactions** No dangerous reactions known
• **10.4 Conditions to avoid** No further relevant information available.
• **10.5 Incompatible materials:** No further relevant information available.
• **10.6 Hazardous decomposition products:** No dangerous decomposition products known

*

SECTION 11: Toxicological information

• **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
• **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 5)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 Version number 7 (replaces version 6) Revision: 23.01.2024

Trade name: Impralan-Lasur S150 farblos (2021)

(Contd. of page 4)

• **LD/LC50 values that are relevant for classification:**

29911-28-2 dipropylene glycol butyl ether

Oral	LD50	3,700 mg/kg (Rattus norvegicus (Ratte))
Dermal	LD50	>2,000 mg/kg (Rattus norvegicus (Ratte))
Inhalative	LC50/4 h	5.4 mg/l (Rattus norvegicus (Ratte))

• **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
• **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
• **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
• **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
• **Carcinogenicity** Based on available data, the classification criteria are not met.
• **Reproductive toxicity** Based on available data, the classification criteria are not met.
• **STOT-single exposure** Based on available data, the classification criteria are not met.
• **STOT-repeated exposure** Based on available data, the classification criteria are not met.
• **Aspiration hazard** Based on available data, the classification criteria are not met.
• **11.2 Information on other hazards**

• **Endocrine disrupting properties**

None of the ingredients is listed.

*
SECTION 12: Ecological information

• **12.1 Toxicity**

• **Aquatic toxicity:**

29911-28-2 dipropylene glycol butyl ether

LC50(96 h)	841 mg/l (Poecilia reticulata)
EC50(48 h)	>100 mg/l (Daphnia magna)

• **12.2 Persistence and degradability** No further relevant information available.
• **12.3 Bioaccumulative potential** No further relevant information available.
• **12.4 Mobility in soil** No further relevant information available.
• **12.5 Results of PBT and vPvB assessment**
• **PBT:** Not applicable.
• **vPvB:** Not applicable.
• **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
• **12.7 Other adverse effects**
• **Additional ecological information:**
• **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

SECTION 13: Disposal considerations

• **13.1 Waste treatment methods**
• **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

• **Uncleaned packagings:**
• **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

• **14.1 UN number or ID number**
• **ADR, IMDG, IATA** Void

(Contd. on page 6)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 Version number 7 (replaces version 6) Revision: 23.01.2024

Trade name: Impralan-Lasur S150 farblos (2021)

(Contd. of page 5)

• **14.2 UN proper shipping name** • **ADR, IMDG, IATA**	Void
• **14.3 Transport hazard class(es)** • **ADR, ADN, IMDG, IATA** • **Class**	Void
• **14.4 Packing group** • **ADR, IMDG, IATA**	Void
• **14.5 Environmental hazards:**	Not applicable.
• **14.6 Special precautions for user**	Not applicable.
• **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
• **UN "Model Regulation":**	Void

*
SECTION 15: Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
• **Poisons Act**

• **Regulated explosives precursors**
None of the ingredients is listed.

• **Regulated poisons**
None of the ingredients is listed.

• **Reportable explosives precursors**
None of the ingredients is listed.

• **Reportable poisons**

7664-41-7	ammonia, anhydrous	Listed

• **Directive 2012/18/EU**
• **Named dangerous substances - ANNEX I** None of the ingredients is listed.
• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
It is the responsibility of the user to assure himself that the information provided with this material safty data sheet is complete and applicable for his utilization of the product.

• **Relevant phrases**
H221 Flammable gas.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

• **Department issuing data specification sheet:** Product safety department, Mannheim

(Contd. on page 7)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.04.2024 *Version number 7 (replaces version 6)* *Revision: 23.01.2024*

Trade name: Impralan-Lasur S150 farblos (2021)

(Contd. of page 6)

- ***Contact:***
  RÜTGERS Organics
  Product Safety
  *Tel. **49 / 621 7654 247*
- ***Abbreviations and acronyms:***
  ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Flam. Gas 2: Flammable gases – Category 2
  Press. Gas (Comp.): Gases under pressure – Compressed gas
  Acute Tox. 4: Acute toxicity – Category 4
  Acute Tox. 3: Acute toxicity – Category 3
  Skin Corr. 1B: Skin corrosion/irritation – Category 1B
  Skin Irrit. 2: Skin corrosion/irritation – Category 2
  Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  Skin Sens. 1: Skin sensitisation – Category 1
  Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- **** Data compared to the previous version altered.***