

# Safety Data Sheet

In accordance with Regulation (EU) No 830/2015

Revision date: 04.05.2021 version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

|                                                          |                                                                                                   |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Product name                                             | SolisFAST® SolisGreen® qPCR Mix (ROX), 5x                                                         |
| Catalog number                                           | 28-46-0000S, 28-46-00001, 28-46-00001-5, 28-46-00001-10, 28-46-00020                              |
| REACH registration number                                | Not applicable                                                                                    |
| Recommended use of the chemical and uses advised against | This product is for Research Use Only. Not for consumer use.                                      |
| Manufacturer/Supplier                                    | Solis BioDyne OÜ<br>Teaduspargi 9, 50411 Tartu, Estonia<br>Tel. +372 740 9960, Fax. +372 740 2079 |
| Information in case of emergency                         | Tel. +372 740 9960                                                                                |

## 2. HAZARDS IDENTIFICATION

|                                            |                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------|
| Classification of the substance or mixture | Classification according to Regulation (EC) No 1272/2008                             |
| Physical hazards                           | Not hazardous                                                                        |
| Health hazards                             | Not hazardous                                                                        |
| Environmental hazards                      | Not hazardous                                                                        |
| Explosion hazards                          | Not hazardous                                                                        |
| Other hazards                              | This mixture does not contain any substances that are assessed to be a PBT or a vPvB |

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components:

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

## 4. FIRST-AID MEASURES

|                                                                            |                                                                                                                                     |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Skin contact                                                               | Wash off with plenty of water. Immediate medical attention is not required.                                                         |
| Eye contact                                                                | Rinse opened eye immediately with plenty of water. Remove contact lenses if present. If irritation persists, get medical attention. |
| Inhalation                                                                 | Move to fresh air. Consult a physician if necessary.                                                                                |
| Ingestion                                                                  | Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.                                      |
| Most important symptoms and effects, both acute and delayed                | No information available                                                                                                            |
| Indication of any immediate medical attention and special treatment needed | None                                                                                                                                |
| Notes to physician                                                         | Treat symptomatically                                                                                                               |

## 5. FIRE-FIGHTING MEASURES

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Suitable extinguishing media   | Dry chemical, CO <sub>2</sub> , water spray or alcohol resistant foam. |
| Unsuitable extinguishing media | No information available                                               |
| Fire/Explosion hazards         | Not applicable                                                         |

|                                                        |                                                                                                       |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Protective equipment and precautions for fire-fighters | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------|

## 6. ACCIDENTAL RELEASE MEASURES

|                                                      |                                                                                                                                                         |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions                                 | Use personal protective equipment. Ensure adequate ventilation, especially in confined areas.                                                           |
| Personal protective equipment                        | Use personal protection recommended in Section 8.                                                                                                       |
| Environmental precautions                            | Do not allow to enter surface/ sewers or ground water. Prevent further leakage or spillage if safe to do so. See section 12 for additional information. |
| Methods and material for containment and cleaning up | Soak up with inert absorbent material                                                                                                                   |

## 7. HANDLING AND STORAGE

|                                                              |                                                                       |
|--------------------------------------------------------------|-----------------------------------------------------------------------|
| Precautions for safe handling                                | Handle in accordance with good industrial hygiene and safety practice |
| Conditions for safe storage, including any incompatibilities | Store at -20°C. Keep/store only in original container.                |
| Specific uses                                                | For Research Use Only                                                 |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                                 |                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|
| Exposure Limits                 | Contains no substances with occupational exposure limit values.                                |
| Engineering measures            | Showers. Eyewash stations. Ensure adequate ventilation.                                        |
| Personal protective equipment:  |                                                                                                |
| Respiratory protection          | Not required. Use in well ventilated areas.                                                    |
| Skin and body protection        | Wear suitable protective clothing and gloves                                                   |
| Eye and face protection         | Wear safety glasses with side shields (or goggles)                                             |
| Skin and body protection        | Appropriate protective clothing.                                                               |
| Hygiene measures                | Handle in accordance with good industrial hygiene and safety practice                          |
| Environmental exposure controls | Prevent product from entering drains. Do not allow material to contaminate ground water system |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------|
| Physical state               | Liquid                                                                                                     |
| Appearance                   | Colorless                                                                                                  |
| Odour                        | Not defined                                                                                                |
| pH value                     | 7.0-9.0. Contact <a href="mailto:info@solisbiodyne.com">info@solisbiodyne.com</a> for specific information |
| Melting point                | No data available                                                                                          |
| Boiling point                | No data available                                                                                          |
| Flash point                  | No data available                                                                                          |
| Autoignition temperature     | No data available                                                                                          |
| Decomposition temperature    | No data available                                                                                          |
| Evaporation rate             | No data available                                                                                          |
| Flammability (solid, gas)    | No data available                                                                                          |
| Explosive properties         | No data available                                                                                          |
| Vapor pressure               | No data available                                                                                          |
| Relative density             | No data available                                                                                          |
| Water solubility             | No data available                                                                                          |
| Solubility in other solvents | No data available                                                                                          |
| Partition coefficient        | No data available                                                                                          |
| Viscosity                    | No data available                                                                                          |
| Oxidizing properties         | No data available                                                                                          |

|                   |                   |
|-------------------|-------------------|
| Other information | No data available |
|-------------------|-------------------|

## 10. STABILITY AND REACTIVITY

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Reactivity                         | No data available                         |
| Chemical stability                 | Stable under normal conditions            |
| Possibility of hazardous reactions | Hazardous reaction has not been reported  |
| Conditions to avoid                | No information available                  |
| Incompatible materials             | Strong oxidizing agents, acids and alkali |
| Hazardous decomposition products   | No data available                         |

## 11. TOXICOLOGICAL INFORMATION

|                               |                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------|
| Acute toxicity                | There is no evidence available indicating acute toxicity                                     |
| Skin corrosion/irritation     | May cause skin irritation                                                                    |
| Serious eye damage/irritation | May cause eye irritation                                                                     |
| Sensitization:                |                                                                                              |
| Respiratory                   | Material may be irritating to mucous membranes and upper respiratory tract                   |
| Skin                          | Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals |
| Germ cell mutagenicity        | No data available                                                                            |
| Carcinogenicity               | No data available                                                                            |
| Reproductive toxicity         | No data available                                                                            |
| STOT-single exposure          | No data available                                                                            |
| STOT-repeated exposure        | No data available                                                                            |
| Aspiration hazard             | No data available                                                                            |

## 12. ECOLOGICAL INFORMATION

|                               |                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Marine pollutant              | No data available                                                                                                  |
| Ecotoxicity                   | No data available. Prevent product from entering drains. Do not allow material to contaminate ground water system. |
| Mobility                      | No data available                                                                                                  |
| Persistence and degradability | No data available                                                                                                  |
| Bioaccumulation               | No data available                                                                                                  |
| Other adverse effects         | No data available                                                                                                  |

## 13. DISPOSAL CONSIDERATIONS

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste handling and disposal | The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique<br>Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations. Do not empty into drains. Do not dispose of waste into sewer. |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

|                                        |                                                                |
|----------------------------------------|----------------------------------------------------------------|
| Land transport ADR/RID (cross-border): |                                                                |
| ADR/RID class                          | Not regulated                                                  |
| Air transport ICAO-TI and IATA-DGR:    |                                                                |
| ICAO/IATA class                        | Not regulated                                                  |
| Additional information                 | This substance is considered to be non-hazardous for transport |

**15. REGULATORY INFORMATION**

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Labelling according to EU guidelines | This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials |
| Chemical safety assessment           | No Chemical safety assessment has been carried out                                                                     |

**16. OTHER INFORMATION**

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Prepared by         | Solis BioDyne / Product Marketing Manager                                                                                              |
| Reason for revision | Minor revisions. Cat. No. added                                                                                                        |
| Revision number     | 2                                                                                                                                      |
| Revision date       | 04.05.2021                                                                                                                             |
| Revision note       | SDS is valid 3 years from revision date. Contact <a href="mailto:info@solisbiodyne.com">info@solisbiodyne.com</a> for latest revision. |

**IMPORTANT:** The information in this SDS is provided in good faith based on our knowledge as of the issue date (or subsequent revision date, if any), and is to be used only as a guide. This SDS does not constitute a guarantee (express or implied) of any kind and we make no warranties or merchantability or fitness for a particular purpose. This information relates only to the designated product as shipped and may not be valid if the product is used in combination with any other materials or is not used in accordance with our instructions. It is the responsibility of the buyer/user to ensure that its activities comply with all applicable governmental requirements. Since conditions of use of the product are not under the control of Solis BioDyne it is the duty of the buyer/user to determine the necessary conditions for the safe use of the product. Solis BioDyne will not be liable for any damages resulting from handling or contact with the product.