

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

### Identification of the substance or mixture

**Product Name** SAINT-mRNA

**Product Code** SM-2005-XX

### Use of the Substance/Mixture

**Identified uses** For use in research and development only

### Company/Undertaking Identification

**Supplier** Synvolux Therapeutics B.V.  
J.H. Oortweg 19  
2333 CH Leiden, The Netherlands  
Phone: +31(0)71 332 23 88  
Fax: +31(0)71 332 23 90  
Web: [www.synvolux.com](http://www.synvolux.com)

### For further information, please contact:

**Contact point** [info@synvolux.com](mailto:info@synvolux.com) or +31(0)71 332 23 88

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Not hazardous according to Directive 67/548/EEC

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### **Synthetic product in aqueous solution**

SAINT transfection reagents and solutions included in the transfection kit are not derived from animal or cell culture products.

## 4. FIRST AID MEASURES

**Skin contact** In case of contact, immediately wash skin with soap and copious amounts of water.

**Eye contact** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Ingestion** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media** Water spray, dry chemical powder, carbon dioxide, or appropriate foam.

**Special risks** Dangerous combustion products: CO<sub>x</sub>, NO<sub>x</sub>, HCl and other noxious gases or vapors in case of incomplete combustion.

**Protective equipment** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

# Material Safety Data Sheet



**General information** Exercise appropriate precautions to minimize direct contact with skin or eyes.  
**Spills/Leaks** Sweep up, place in a bag and hold for waste disposal. Wash spill site after material pickup is complete.

## 7. HANDLING AND STORAGE

**Handling** Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.  
**Storage** Keep container tightly closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures** Safety shower and eye bath. Mechanical ventilation required.  
**Hygiene measures** Wash thoroughly after handling.

### Personal Protective Equipment:

**Respirators** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. If irritation or other symptoms are experienced use an approved respirator.  
**Skin protection** Wear appropriate protective clothing and protective gloves to prevent skin exposure.  
**Eye protection** Wear chemical safety goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Liquid  
**Appearance** Clear colorless  
**Odor** Odorless  
**pH** Not available  
**Boiling Point** Not available  
**Melting Point** Not available  
**Flash Point** Not applicable, as chemical is a solid  
**Flammability** Not classified as flammable  
**Auto ignition Temp** Does not auto ignite  
**Oxidizing Properties** Not classified as oxidizing  
**Explosive Properties** Not classified as explosive

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable  
**Conditions to Avoid** Moisture  
**Materials to Avoid** Strong oxidizing agents  
**Hazardous Decomposition Products** CO<sub>x</sub>, NO<sub>x</sub>, HCl and other noxious gases or vapors  
**Hazardous Polymerization** Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Signs and symptoms of exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Route of exposure

**Skin Contact** May cause skin irritation

# Material Safety Data Sheet



<b>Skin Absorption</b>	May be harmful if absorbed through the skin
<b>Eye Contact</b>	May cause eye irritation
<b>Ingestion</b>	May be harmful if swallowed

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## 14. TRANSPORT INFORMATION

<b>RID/ADR</b>	Non-hazardous for road transport
<b>IMDG</b>	Non-hazardous for sea transport
<b>IATA</b>	Non-hazardous for air transport

## 15. REGULATORY INFORMATION

### US Federal Regulations

<b>TSCA</b>	Not listed on the TSCA inventory.
<b>OSHA</b>	Not considered hazardous by OSHA.

### European Regulations

Not hazardous according to Directive 67/548/EEC  
Caution: Substance not yet fully tested (EU)

### Country Specific Information:

#### Canada:

<b>DSL/NDSL</b>	Not listed on the DSL or NDSL list
<b>WHMIS</b>	Not available

#### Germany:

<b>WGK</b>	3 (Self-Classification)
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## 16. ADDITIONAL INFORMATION

<b>MSDS creation date</b>	<b>23 December 2016</b>
<b>MSDS revision date</b>	<b>NA</b>
<b>Current version</b>	<b>002</b>

Material should only be handled by qualified, experienced professionals. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for experienced personnel. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. In no event shall Synvolux Therapeutics B.V. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Synvolux Therapeutics B.V. has been advised of the possibility of such damages.

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