

Material Safety Data Sheet



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

Identification of the substance or mixture

Product Name SAINT-Protein
Product Code SP-3004-XX

Use of the Substance/Mixture

Identified uses For use in research and development only

Company/Undertaking Identification

Supplier Synvolux Therapeutics B.V.
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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_x, NO_x, 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.

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6. ACCIDENTAL RELEASE MEASURES

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 _x , NO _x , 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

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Skin Contact	May cause skin irritation
Skin Absorption	May be harmful if absorbed through the skin
Eye Contact	May cause eye irritation
Ingestion	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

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

15. REGULATORY INFORMATION

US Federal Regulations

TSCA	Not listed on the TSCA inventory.
OSHA	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:

DSL/NDSL	Not listed on the DSL or NDSL list
WHMIS	Not available

Germany:

WGK	3 (Self-Classification)
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16. ADDITIONAL INFORMATION

MSDS creation date	31 January 2017
MSDS revision date	NA
Current version	003

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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