

# Material Safety Data Sheet

according to regulation (EC) no. 1907/2006

ver. 1.2  
09/2021

## 1 - Identification of the substance / preparation and of the company

<b>Product name:</b>	Selector Resins	
<b>Product numbers:</b>	MBP Selector	N0110-x
	GST Selector	N0210-x
	GFP Selector	N0310-x
	RFP Selector	N0410-x
	TagFP Selector	N0510-x
	ALFA Selector	N1510-x N1511-x N1512-x
<b>Supplier identification</b>	NanoTag Biotechnologies GmbH Rudolf-Wissell-Str. 28A 37079 Göttingen Germany Tel: +49 551 50556365 Email: info@nano-tag.com	

**Description of product:** Selector resins are biochemical reagents for the *in vitro* analysis of cell extracts. The selector resins themselves do not contain any hazardous components. As preservative the product is stored in a phosphate buffered saline solution containing 20 % ethanol.

## 2 - Composition / information on hazardous ingredients

Component	Chemical name	% Conc.	CAS#	EC#	Classification
Ethanol	Ethyl alcohol	20 %	64-17-5	200-578-6	R10, R36, R37, R38 / S2, S7, S16

## 3 - Hazards identification

**Precautionary Statements:** Flammable, irritant, irritating to eyes, respiratory system and skin.

**Target Organ Data:** Nerves and liver.

**Clothing:** Wear suitable protective clothing.

**Auto-Ignition Temperature:** No smoking.

## 4 - First aid measures

**Eye contact** - In case of eye contact, flush with copious amounts of water for at least 15 minutes. Seek medical attention if irritation occurs.

**Skin contact** - In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if necessary.

**Inhalation** - If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Seek medical attention if necessary.

**Ingestion** - If swallowed, wash out mouth with water provided person is conscious. Do NOT induce vomiting. If large quantities of this material are swallowed call a physician immediately.

## 5 - Fire fighting measures

**Suitable extinguishing media** - Suitable: Dry chemical powder, water spray fog or foam.

**Special risks** – no additional remarks

## 6 - Accidental release measures

**Personal precautions** - Avoid breathing vapors, mist or gas. Wear appropriate protective clothing.

**Environmental precautions** - Clean up spills properly. Do not let product enter drains.

**Disposal** - Keep in suitable, closed containers for disposal

## 7 - Handling and storage

**Handling** - Avoid inhalation. Avoid prolonged or repeated exposure. Avoid contact with skin and eyes.

**Storage** - Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Special requirements** - Observe specific storage instructions for product.

## 8 - Exposure controls / personal protection

**Respiratory protection** - Respirator selection must be based upon known or anticipated exposure levels, the hazards of the product and safe working limits of the selected respirator.

**Hand protection** - Compatible chemical-resistant gloves.

**Eye protection** - Chemical safety goggles.

**Other precautions** - Wash contaminated clothing before reuse. Wash thoroughly after handling.

## 9 - Physical and chemical properties

**Form** - Liquid suspension

**Color** - colorless

## 10 - Stability and reactivity

**Stability** - Stable under normal storage (2 - 8 °C) and handling conditions. Do not use after expiry date.

**Hazardous decomposition products** - None known.

## 11 - Toxicological information

**Skin contact** - May cause skin irritation.

**Eye contact** - May cause eye irritation.

**Inhalation** - May cause irritation

**Ingestion** - Harmful if swallowed.

## 12 - Ecological information

**Ecotoxicological effect** - No data available

## 13 - Disposal considerations

**Substance disposal:** Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

## 14 - Transport information

No relevant information available

## 15 - Regulatory information

### European Information

**Caution:** Substance not yet fully tested

R10: Flammable

Irritant

R 36/37/38

Irritating to eyes, respiratory system and skin

S 16

**NFPA Ratings:** Health:2 Flammability: 3 Reactivity: 1

**Harmful if swallowed, inhaled or absorbed.**

Keep away from sources of ignition-NO SMOKING

S 26

In case of contact with eyes, rinse immediately with plenty of water and seek medical help

S 36

Wear suitable protective clothing

TLV and Source

For Ethyl Alcohol (Ethanol):

ACGIH TLV-TWA: 1000 PPM (1880 MG/M3)

OSHA PEL: 8H TWA 1000 PPM (1900 MG/M3)

## 16 - Other information

**Disclaimer:** The information contained in this Material Safety Datasheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

NanoTag Biotechnologies shall not be held responsible for any damage resulting from the use of the above product or the information contained in this material safety datasheet.