

# Safety Data Sheet

## 1. Kit component

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Product name	nPLEX SARS-CoV-2
Cat. Number	TAGK01015
Application of the substance	For research use only
Manufacturer/supplier	TAAG Genetics
Address	Rio Refugio 9641, ENEA, Pudahuel. Chile
Contact number	+56229353200 <a href="http://www.taag-genetics.com">www.taag-genetics.com</a>

## 2. Hazard identification

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Classification of the substance or mixture	The product is not classified as hazardous according to the Globally Harmonized System (GHS).
GHS label element	Not applicable
Hazard pictograms	Not applicable
Signal Word	Not applicable
Hazard statements	Not applicable
Classification system	NFPA ratings (scale 0 - 4) Health = 0 Fire = 0 Reactivity = 0 HMIS-ratings (scale 0 - 4) Health = 0 Fire = 0 Reactivity = 0
OSHA Hazard Overview (Criteria according to 29CFR1910.1200)	Not applicable
Target Organ(s)	Not applicable
Other hazards	
Results of PBT and vPvB assessment	PBT: Not applicable vPvB: Not applicable

## 3. Composition/information on ingredients

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Chemical characterization	Mixtures
Description	The product is made up of a mixture of non-hazardous components
Dangerous components	None

## 4. First- aid measure

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General information	No special measure required
After inhalation	If the patient feels unwell or is concerned, obtain medical advice.
After skin contact	Generally, the product does not irritate the skin. Rinse opened eye for several minutes under running water.
After eye contact:	If the patient feels unwell or is concerned, obtain medical advice.
After swallowing	
Information for doctor:	None - No further relevant information available.

## Safety Data Sheet

Most important symptoms and effects, both acute and delayed  
Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5. Fire-fighting measures

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Suitable extinguishing agents	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture	None known - No further relevant information available.
Advice for firefighters	No special advice
Protective equipment	No special measures required.

### 6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures	Not required.
Environmental precautions	Dilute with plenty of water.
Methods and material for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Reference to other sections	No dangerous substances are released. See Section 7 for information on safe handling. See Section 13 for disposal information

### 7. Handling and storage

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#### Handling

Precautions for safe handling	No special measures required.
Information about protection against explosions and fires:	The product is not flammable.
<b>Conditions for safe storage, including any incompatibilities storage</b>	
Requirements to be met by storerooms and receptacles	No special requirements.
Information about storage in one common storage facility	Not required.
Further information about storage conditions	None - No further relevant information available.
Specific end use(s)	

### 8. Exposure controls/personal protection

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#### Exposure controls

Personal protective equipment	The usual precautionary measures for handling chemicals should be followed.
General protective and hygienic measures	The usual precautionary measures for handling chemicals should be followed.
Breathing equipment	Not required.
Protection of hands	Not required.
Material of gloves	The selection of the suitable gloves does not only depend on the material, but also on further

# Safety Data Sheet

marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Eye protection

Not required.

## 9. Physical and chemical properties

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Appearance	
- Form	Fluid
- Color	Colorless
Odor	Not determined
Odor threshold	Not determined
pH value	8,5 at 20°C
Change in condition	
- Melting point	Undetermined
- Boiling point	100°C
Flash point	Not applicable
Flammability (solid, gaseous)	Not applicable
Decomposition temperature	Not determined
Auto igniting	Product is not self-igniting
Danger of explosion	Product does not present an explosion hazard.
Explosion limits	
- Lower	Not determined.
- Upper	Not determined.
Vapor pressure	Not determined.
Density	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	
Solubility in / Miscibility with	
- Water	Fully miscible
Partition coefficient (n-octanol/water)	Not determined.
<b>Viscosity</b>	
- Dynamic	
- Kinematic	Not determined.
Organic solvents	Not determined.
Water	1.0 %
VOC content	76.7 %
Solids content	0.00 %
Other information	1.6 %
	No further relevant information available.

## 10. Stability and reactivity

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Reactivity	No further relevant information available.
<b>Chemical stability</b>	
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	No further relevant information available.

# Safety Data Sheet

Incompatible materials  
Hazardous decomposition products

No further relevant information available.  
No dangerous decomposition products known

## 11. Toxicological information

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Information on toxicological effects

Acute toxicity

LD/LC50 values that are relevant for classification No data available

### Primary irritant effect

- on the skin

No irritant effect

- on the eye

No irritant effect

Sensitization

No sensitizing effects known.

Additional toxicological information

The product is not subject to classification according to internally approved calculation methods for preparations

### Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

NTP (National Toxicology Program)

None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

## 12. Ecological information

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### Toxicity

Aquatic toxicity

Not available - No further relevant information available

Persistence and degradability

Not available- No further relevant information available

Bioaccumulative potential

Not known - No further relevant information available

Mobility in soil

No further relevant information available

### Ecotoxicological effects

Remark

Not available

### Additional ecological information

General notes

Not available- Not known to be hazardous to water.

Results of PBT and vPvB assessment

- PBT:

Not applicable.

- vPvB:

Not applicable.

Other adverse effects

No further relevant information available.

## 13. Disposal considerations

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### Waste treatment methods

Recommendation

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: Handling and Storage and Section 8: Exposure Control/Personal Protection for additional handling information and protection of employees

# Safety Data Sheet

## Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary, with cleansing agents.

## 14. Transport information

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UN - Number	Not hazardous for transport
DOT, ADR, ADN, IMDG, IATA	Not applicable
UN proper shipping name	None
DOT, ADR, ADN, IMDG, IATA	Not applicable
Transport hazard class(es)	None
DOT, ADR, ADN, IMDG, IATA Class	Not applicable
Packing group	None
DOT, ADR, IMDG, IATA	Not applicable
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Codex	Not applicable
UN "Model Regulation"	Not applicable

## 15. Regulatory information

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### Safety, health and environmental regulations/legislation specific for the substance or mixture Sara

Section 355 (extremely hazardous substances)	None of the ingredients are listed.
Section 313 (Specific toxic chemical listings)	None of the ingredients are listed.
TSCA (Toxic Substances Control Act) Inventory	None of the ingredients are listed.
Hazardous Air Pollutants	None of the ingredients are listed.

### Proposition 65

Chemicals known to cause cancer	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males	None of the ingredients are listed.
Chemicals known to cause developmental toxicity	None of the ingredients are listed.

### Carcinogenicity categories

EPA (Environmental Protection Agency)	None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH) 57-50-1 sucrose, pure A4	None of the ingredients are listed.
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients are listed.
GHS label elements	Not applicable
Signal word	Not applicable
Hazard statements	Not applicable
Water hazard class	Generally, not hazardous for water.

## Safety Data Sheet

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

### **16. Regulatory information**

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit