



PRODUCT SAFETY DATA SHEET

for Cell-IN

in accordance with EC Regulation 1907/2006

Version 1.0 Revised on 6/22/2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifiers

Product name: **Reagent for introducing compounds into mammalian cells**
Brand: Institute of Physical Chemistry Polish Academy of Sciences - Cell-IN
REACH No.: A registration number is not available for this substance because the substance or its uses are exempted from registration, annual the tonnage does not require registration or registration in a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company: Institute of Physical Chemistry Polish Academy of Sciences
Kasprzaka 44/52
01-224 Warsaw
Telephone number: +48 22 343 2000
Fax: 22 343 3333
E-mail address: ichf@ichf.edu.pl

1.4 Emergency telephone number

Emergency telephone number: 998 (Fire department)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) 1272/2008.

This substance is not classified as dangerous according to Directive 67/548 / EEC.

2.2 Label elements

The product does not need to be labelled in accordance with EU directives or respective laws domestic.

2.3 Other hazards – none

SECTION 3: Composition / information on ingredients

3.1 Substances

According to the relevant regulations, it is not necessary to disclose the ingredients.

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation

If breathed in, move a person to fresh air. If the injured person does not breathing, apply artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

In case of ingestion

Never give anything by mouth to an unconscious person. After swallowing: make the victim drink water (two glasses at most).

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2.2 (label elements) and/or in Section 11

4.3 Indication of any immediate medical attention and special treatment of the victim

no data available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards related to the substance or mixture

Carbon oxides. Combustible substance. Development of hazardous combustion gases or vapours possible in the event of a fire.

5.3 Advice for firefighters

If necessary, wear self-contained breathing apparatus during firefighting.

5.4 Further Information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours/mist/gas.

Personal protection equipment: see section 8.

6.2 Environmental precautions

Do not let the product enter drains.

6.3 Methods and materials preventing the spread of contamination and used for cleaning up

Sweep over and pick up dry with a shovel. Keep in suitable, closed containers for disposal. Clean the contaminated area. Avoid dust formation.

6.4 Reference to other sections

For disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide adequate exhaust ventilation at places where dust is generated. Normal protection measures fire.

Precautions - see chapter 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep the container tightly closed in a dry and well-ventilated place.

Hygroscopic, store under inert gas.

7.3 Specific end use (s)

Apart from the uses mentioned in section 1.2, no other specific uses are anticipated.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Elements of controls in the workplace

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General rules of industrial hygiene.

Personal security.

Eye or face protection

Use eye protection equipment that is certified to relevant standards, such as NIOSH.

(USA) or EN 166 (EC). Protective goggles.

Skin protection

Work with gloves on this product. Check the gloves before use. Use proper glove removal technique (without touching the outside gloves) to avoid skin contact with this product. Removal of contaminated gloves after use in accordance with applicable regulations and Good Laboratory Practice. Wash and dry your hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686 / EEC and the standards derivative of EN 374.

Body protection

Choose body protection depending on its type, concentration and amount of hazardous substances and the specificity of the workplace. The type of protective equipment should be selected in accordance with concentration and amount of a dangerous substance in a specific work environment.

Respiratory protection

Respiratory protection is not required. When protecting against nuisance dust, use a dust mask type N85 (USA) or type P1 (EN 143). Use mask tested and compliant with relevant standards.

Environmental exposure controls

Do not let the product enter the sewage system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance:	Form: crystalline Colour: white
b) Odor:	no data available
c) Odor threshold:	no data available
d) pH:	no data available
e) Melting point/freezing point:	no data available
f) Initial boiling point and boiling range:	no data available
g) Flashpoint:	no data available
h) Evaporation rate:	no data available
i) Flammability (solid, gas):	no data available
j) Lower/upper flammability or explosive limits:	no data available
k) Vapor pressure:	no data available
l) Vapor density:	no data available
m) Relative density:	no data available
n) Water solubility:	no data available
o) Partition coefficient n-octanol / water:	no data available
p) Auto-ignition temperature:	no data available
q) Decomposition temperature:	no data available
r) Viscosity:	no data available
s) Explosive properties:	no data available
t) Oxidizing properties:	no data available

9.2 Other safety information

no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

Stable when stored under recommended conditions.

10.3. Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

no data available

Corrosive/irritating effect on the skin

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Mutagenic effect on reproductive cells

no data available

Carcinogenicity

no data available

Harmful effect on reproduction

no data available

The toxic effect on target organs - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional information

RTECS: no data available

To the best of our knowledge, the chemical, physical and toxicological properties are not carefully researched.

SECTION 12: Ecological information

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no constituents considered to be persistent or subject to bioaccumulation and toxic or very persistent and very bioaccumulation (vPvB) of 0.1% or more.

12.6 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Provide redundant and non-regenerable solutions to an agreed waste processor.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

ADR / RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR / RID: Material is not classified as dangerous

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class (es)

ADR / RID: - IMDG: - IATA: -

14.4 Packing group

ADR / RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR / RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for users

Further information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific to substances or mixtures

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other information

Further information

The above information is correct but not exhaustive and should be used only as recommended precautions when working with the product. The information provided is accurate the current state of knowledge of the Institute of Physical Chemistry Polish Academy of Sciences. Still, they do not consider all situations and do not constitute any guarantee of the product's properties. The Institute of Physical Chemistry Polish Academy of Sciences is not responsible for any damage caused by work or contact with the product.