

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 1 of 11

Revision date: 04/03/2024

Product Code	Description
PRE_C3P_WBS_10_v2	Cell3™ Preserver Whole blood stabilization tubes (10x tube pack)
PRE_C3P_WBS_50_v2	Cell3™ Preserver Whole blood stabilization tubes (50x tube pack)

Kit Contents

Cell3 Preserver 10 mL Tubes

Components	Quantity	Storage Conditions
Cell3™ Preserver: Whole Blood Stabilization Tube, 10 mL Tube	10/ 50	15-25 °C

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 2 of 11

Revision date: 04/03/2024

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Trade Name: Cell3™ Preserver: Whole Blood Stabilization Tube

Synonyms: N/A

CAS: N/A, Mixture

1.2 Recommended use and restrictions on use:

Application: Stabilization of plasma cfDNA. For research use only.

Uses advised against: No specific uses advised against are identified. Refer to user guide for limitations.

1.3 Details of the supplier of the safety data sheet:

Nonacus Ltd
Unit 5 Quinton Business Park
11 Ridgeway
Quinton
Birmingham
B32 1AF
United Kingdom

www.nonacus.com

Registered No: 9590278

support@nonacus.com

1.4 Emergency telephone numbers:

Nonacus +44(0)1217283419

2 Hazards identification

2.1 Classification of the substance or mixture:

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

Acute Tox. 3	H301	Toxic if swallowed
Acute Tox. 3	H311	Toxic in contact with skin
Acute Tox. 3	H331	Toxic if inhaled
Carcinogenicity 1A	H350	May cause cancer

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 3 of 11

Revision date: 04/03/2024

Germ Cell Mutagenicity 2	H341	Suspected of causing genetic defects
Skin Corrosion 1B	H314	Causes severe skin burns and eye damage
Skin Sensitization	H317	May cause an allergic skin reaction
Serious eye damage/ Irritation	H318	Causes serious eye damage
Specific target organ toxicity 1	H370	Causes damage to organs

2.2 Label elements:

Product Name:

Cell3™ Preserver: Whole Blood stabilization Tube

Hazard pictogram(s):



GHS05 GHS06 GHS07 GHS08

Signal Word(s): Danger

Hazard Statement(s):

- H370** Causes damage to organs via dermal, oral, and respiratory routes.
- H350** May cause cancer.
- H341** Suspected of causing genetic defects.
- H317** May cause an allergic skin reaction.
- H314** Causes severe skin burns and eye damage.
- H318** Causes serious eye irritation.
- H311** Toxic in contact with skin
- H331** Toxic if inhaled.
- H301** Toxic if swallowed.

Precautionary Statement(s) Prevention:

P201+P202+P281 Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

P260+P270+P271 Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not eat, drink, or smoke when using this product.

P233+P403+P405+P501 Keep container tightly closed. Store in a well-ventilated place. Store locked up. Dispose of contents/container of unused Blood Stabilization Tubes as non-hazardous waste. Dispose of used Blood Stabilization Tubes in the same manner as patient samples.

P264 Wash skin thoroughly after handling.

Precautionary Statement(s) Response:

P303+P361+P352+P353+P363+P313+P333+P312 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 4 of 11

Revision date: 04/03/2024

P305+P310+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P304+P340+P307+P311 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed: Call a POISON CENTER or doctor/physician.

P301+P310+P330+P331+P307+P311 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. If exposed: Call a POISON CENTER or doctor/physician.

P308 + P313 If exposed or concerned: Get medical advice/ attention.

Precautionary Statement(s) Storage:

None

Precautionary Statement(s) Disposal:

None

3 Composition/information on ingredients

3.1 Substances

Contains EDTA·K₂·2H₂O and a preservative in a liquid medium.

3.2 Mixtures

CAS No	EC No	Chemical Name	Concentration [%v/w]
25102-12-9	217-895-0	Ethylenediamine-N,N,N',N'-tetraacetic acid dipotassium salt, dihydrate	<=10

Specific chemical formula is being withheld as a trade secret pursuant to 29 CFR Section 1910.1200(i)(1).

Refer to Section 2 for hazard information.

4 First Aid Measures

4.1 Description of first aid measures

General advice: Show this material safety data sheet to the doctor in attendance.

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash clothing before reuse. Consult a physician.

In case of eye contact: Remove contact lenses. Rinse out with plenty of water. Call in ophthalmologist.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 5 of 11

Revision date: 04/03/2024

physician.

Self-protection of the first aider: Personal protection equipment (PPE)

4.2 Most important symptoms and effects, both acute and delayed.

Irritation of skin, eyes and/or respiratory system may occur.

4.3 Indication of any immediate medical attention and special treatment needed.

No data available

5 Firefighting measures

5.1 Extinguishing media

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

No unsuitable extinguishing media known.

5.2 Special hazards arising from the substance/mixture.

Carbon oxides, Nitrogen oxides (NOx), Potassium oxides.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing. Fire fighters should wear self-contained breathing apparatus for firefighting if necessary.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear suitable personal protective equipment as required, including Protective Clothing, gloves and eye/face protection.

6.2 Environmental precautions

Avoid release to the environment. Do not let product enter drains.

6.3 Methods and material for containment and cleaning up.

Absorb spillages or leaks with absorbent material and place in a suitable container for disposal.

Spilled product and cleanup materials should be treated as non-hazardous waste.

Flush spill area with water.

6.4 Reference to other sections

See section 13 for disposal.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 6 of 11

Revision date: 04/03/2024

7 Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes, and clothing. Provide appropriate exhaust ventilation. Normal measures of preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities.

Technical measures and storage conditions: Store at room temperature: 15-25°C.

Requirements for storage rooms and vessels: Always store in original containers.

Further information on storage conditions: Keep containers tightly closed. Do not store with strong oxidising agents, bases and acids.

8 Exposure controls/personal protection

8.1 Control parameters

No workplace exposure limits.

8.2 Exposure controls

8.2.1 Engineering controls:

Handle in accordance with good industrial hygiene and safety practices.

8.2.2 Personal protective equipment

Eyes/face: Wear appropriate eye and face protection (face shield and safety glasses tested under appropriate standards NIOSH or EN 166)

Skin: Wear appropriate gloves and appropriate protective clothing to prevent skin exposure. Always wear appropriate closed-toe footwear.

Gloves must be inspected prior to use; use proper glove removal technique to avoid skin contact; dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices; wash and dry hands after use.

Full contact:

Material: Nitrile Rubber

Minimum layer thickness: 0.4 mm

Break through time: 480 min

Respiratory protection: No special protective equipment required.

8.2.3 Environmental exposure controls

Do not let product enter drains.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 7 of 11

Revision date: 04/03/2024

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State:	Liquid.
Colour:	Colourless.
Odour:	Odourless.
Odour threshold:	Not known.
pH:	6.5–7.5 at 20°C ~ 25°C.
Melting point/freezing point:	Not known.
Initial boiling point and boiling range:	Not known.
Flash Point:	Not known.
Evaporation rate:	Not known.
Flammability (solid, gas):	Not applicable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Density (g/ml):	Not applicable.
Relative density:	Not known.
Solubility(ies):	
Solubility (Water):	Fully miscible.
Solubility (Other):	Fully miscible.
Partition coefficient: n-octanol/water:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition Temperature (°C):	Not known.
Viscosity:	Not known.
Explosive properties:	Not applicable.
Oxidising properties:	Not known.

10 stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 8 of 11

Revision date: 04/03/2024

10.5 Incompatible materials

Strong oxidising agents, bases and acids.

10.6 Hazardous decomposition products

In the event of fire, refer to section 5.

11 Toxicological Information

11.1 Information on toxicological effects

Acute toxicity – Ingestion:	No data available
Acute toxicity – Skin Contact:	No data available
Acute toxicity – Inhalation:	No data available
Skin corrosion/irritation:	Causes skin irritation
Serious eye damage/irritation:	Causes serious eye irritation
Skin sensitization data:	Causes skin irritation
Respiratory sensitization data:	Causes respiratory irritation
Germ cell mutagenicity:	No data available.
Carcinogenicity:	Components of product listed as a carcinogen to humans under the International Agency for Research on Cancer (IARC) and known human carcinogen under the National Toxicity Program (NTP).
Reproductive toxicity:	No data available
Lactation:	No data available
STOT – single exposure:	No data available
STOT – repeated exposure:	No data available
Aspiration hazard:	No data available

12 Ecological information

12.1 Toxicity

Toxicity – Aquatic invertebrates:	No data available.
Toxicity – Fish:	No data available.
Toxicity – Algae:	No data available.
Toxicity – Sediment Compartment:	No data available.
Toxicity – Terrestrial Compartment:	No data available.

12.2 Persistence and degradability No data available.

12.3 Bioaccumulative potential No data available.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 9 of 11

Revision date: 04/03/2024

12.4	Mobility in soil	No data available.
12.5	Results of PBT and vPvB assessment	No data available.
12.6	Other adverse effects	No data available.

13 Disposal considerations

13.1 Waste treatment method

To the best of our knowledge, this material does not require special disposal considerations. Dispose of contents in accordance with local, state, or national legislation. Dispose of unused products as non-hazardous waste. Dispose of used products in same manner as patient sample.

13.2 Additional information

Disposal should be in accordance with local, state, or national legislation.

14 Transport information

Not classified as hazardous for transport

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation for the mixture

European Union (EU) Regulation (EC) No 1272/2008 Directive 98/79/EC	Classification, labelling and packaging of substances
U.S. Federal Regulations OSHA Hazards SARA 311/312 Hazards Toxic Substances Control Act (TSCA)	Irritant Acute Health Hazard, Chronic Health Hazard
U.S. State Regulations California Proposition 65	Reproductive Toxicity to both males and females
International Regulations DSL Status	Some components of this product are on the Canadian DSL or NDSL lists

Relevant information regarding restrictions: None known

Chemical Safety Assessment carried out? No

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 10 of 11

Revision date: 04/03/2024

16 Other Information

Relevant classification and H statements (number and full text):

H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H350	May cause cancer
H341	Suspected of causing genetic defects
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H370	Causes damage to organs

P201+P202+P281 Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

P260+P270+P271 Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not eat, drink, or smoke when using this product.

P233+P403+P405+P501 Keep container tightly closed. Store in a well-ventilated place. Store locked up. Dispose of contents/container of unused Blood Stabilization Tubes as non-hazardous waste. Dispose of used Blood Stabilization Tubes in the same manner as patient samples.

P264 Wash skin thoroughly after handling.

P303+P361+P352+P353+P363+P313+P333+P312 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P310+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P304+P340+P307+P311 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed: Call a POISON CENTER or doctor/physician.

P301+P310+P330+P331+P307+P311 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. If exposed: Call a POISON CENTER or doctor/physician.

P308 + P313 If exposed or concerned: Get medical advice/ attention.

Training instructions: Refer to the user guide.

Further information: N/A

Notice to readers:

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Version: 1.0

Page 11 of 11

Revision date: 04/03/2024

by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered. For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

- EN 166 Personal eye-protection
- EN 340 Protective clothing
- EN 374 Protective gloves against chemicals and micro-organisms
- EN 13832 Footwear protecting against chemicals
- EN 133 Respiratory protective devices