



MATERIAL SAFETY DATA SHEET

According to EU Directive 91/155 EC

Reviewed on: 15/10/08

1. Chemical product and company identification

Product details

Trade name: BrdUTP

Catalogue number: GC-013-018 1 μ mol, 100 μ l

Manufacturer / Supplier:

Semiramis Genetics Limited
GeneCraft Products
Manchester Science Park
Unit 57 Greenheys
Pencroft Way, Hulme
Manchester M15 6JJ
Tel.: +44 (0) 161 226 3571 / Fax: +44 (0) 161 868 0708

Further information obtainable from: Details as above

2. Composition / Information on ingredients

Chemical characterisation

Description: Solution, consisting of the components listed below

Dangerous components: None

Composition	%	CAS #
H ₂ O	>50%	7732-18-5
5-Bromo-2'-deoxyuridine-5'-triphosphate (C ₉ H ₁₄ O ₁₄ N ₂ BrP ₃)		102212-99-7

Other components: Components not listed here are not dangerous or their concentrations do not exceed the limits specified in the EU directive 1999/45/EC.

3. Hazards identification

Hazard description: Not applicable

Information concerning particular hazards for human and environment: Not applicable

Classification system: The classification is according to the latest editions of the EU-lists and extended by company and literature data.

4. First-aid measures

General information: No special measures required

After inhalation: Supply fresh air; consult doctor in case of complaints

After skin contact: Generally the product does not irritate the skin. Wash with soap and copious amounts of water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist consult doctor.

After swallowing: Wash mouth out with water. If symptoms persist consult doctor immediately.

5. Fire fighting measures

Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: No special measures required

6. Accidental release measures

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Sweep up, place in a bag, and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Handling: No special measures are required for safe handling of this product.

Storage: No special storage requirements for this product. No special measures for fire and explosive protection required. Store at -20°C.

8. Exposure controls / Personal protection

Engineering controls: Not required, see section 7.

Eye protection: Wearing safety goggles is advised.

Skin protection: Gloves should be worn, either rubber or chemical resistant.

Respiratory protection: Wear appropriate respirator.

Hygiene practices: Avoid contact with skin or eyes. Do not place in mouth. Do not eat, drink or smoke when handling this product. Upon completion of the use of this product, dispose of protective gloves safely and wash hands thoroughly with soap and water.

9. Physical and chemical properties

Appearance: Clear solution

Concentration: 10 mM

Melting point/Melting range: NA

Freezing point: NA

pH: NA

Vapour density: NA

Vapour pressure: NA

Solubility: H₂O soluble

10. Stability and reactivity

Stability: Unstable in base

Incompatibility: Strong oxidizing agents

Dangerous decomposition products: Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, and phosphorus oxides

11. Toxicological information

May be fatal if swallowed. Harmful if inhaled. May be harmful if absorbed through the skin. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract. Exposure can cause: CNS depression, gastrointestinal disturbances, narcotic effect, damage to the eyes, damage to the liver, damage to the heart, damage to the kidneys. May cause convulsions. Target organs: eyes, nerves, liver, kidneys.

12. Ecological Information

Data not yet available.

13. Disposal Considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe applicable state, local and provincial environmental and hazardous waste regulations.

14. Transport Information

Land transport: Product does not belong to a hazard class of any international agreements on the transport and packaging of dangerous goods.

Maritime transport: This product is not a marine pollutant.

Air transport: Product does not belong to any hazard classification.

15. Regulatory Information

Labelling according to EU Guidelines:

General safety regulations should always be observed when handling chemicals.

This product is not subject to identification regulations under EU Directives and the

Ordinance on Hazardous Materials.

16. Other Information

All information, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets as new information becomes available.