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SAFETY DATA SHEET

according to EC directive 2001/58/EC

5-Bromo-2'-deoxy-uridine

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product information

Commercial Product Name:	5-Bromo-2'-deoxy-uridine
Mat. No.:	10280879001
Mat. No. (old):	280879
Intended use:	Crystalline solid.
Company:	Roche Diagnostics GmbH Sandhofer Strasse 116 D-68305 Mannheim
Telephone:	+496217590
Telefax:	+496217592890
Responsible Department:	+49(0)621-759-2763 oder +49(0)621-759-4848

In case of emergencies
Central Works Security Roche Diagnostics GmbH: ++49(0)621-759-2203
Centre for detoxification: Mainz +49-6131-232466 or -232467 / München +49-89-19240

2. CHEMICAL CHARACTERISATION

Chemical Nature

CAS-No.:	59-14-3
EINECS-No.:	200-415-9
Molecular formula:	C9 H11 Br N2 O5
Molecular Weight:	307.11

Ingredients

100 % 5-Bromo-2'-deoxy-uridine	CAS-No.: 59-14-3	
	Labelling:	Xn R40 S22-S36/37

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Is to be classified according to EEC directive 67/548 and 99/45 as hazardous.

Classification:	Harmful	
Warnings:	R40	Suspected cancerogenic potential.
Note:	hazardous to water and ground	

4. FIRST AID MEASURES

Skin contact:	Wash skin with water thoroughly.

Eye contact:	Promptly wash eyes with water for at least 15 minutes, seek medical advice.
Ingestion:	If accidentally swallowed obtain immediate medical attention.
Instructions for physician:	Symptomatic treatment by a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	No restriction.
Decomposition:	Gases which are damaging to health do not form in dangerous quantities.

6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage:	Sweep up spilled solids in dry condition, avoiding dust formation.
Absorbent material:	No restriction.
Actions to be taken to limit damage:	Special measures to limit damage are not necessary.

7. HANDLING AND STORAGE

Handling:	Combustible substance. Avoid formation of dust; dust extraction by suction is required for procedures associated with dust formation.
Storage:	Store between +2°C and +8C.
Do not store together with:	No restriction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection:	No personal respiratory protective equipment normally required.
Eye protection:	Safety glasses
Hand protection:	Protective gloves
Hygiene measures:	Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solid
Colour:	white or yellowish
Odour:	none
Melting point:	184 - 188 °C
Fire promoting:	Substance does not have any oxidizing properties.
Miscibility with water:	immiscible

Water solubility:	17 g/l	at 20 °C
Solubility in other solvents:	30 g/l	solvent : Formamide.

10. STABILITY AND REACTIVITY

Hazardous reactions:	none under normal use
Hazardous decomposition products:	Only in small concentrations

11. TOXICOLOGICAL INFORMATION

5-Bromo-2'-deoxy-uridine

Oral toxicity:	LD50 rat 8.400 mg/kg
Toxicity (others):	

Toxicological information for the product

After in-vitro-tests are existing clues of mutagenic attributes.

12. ECOLOGICAL INFORMATION

Water hazard class:	2 Self-classification

13. DISPOSAL CONSIDERATIONS

Waste disposal route:	Can be sent to an incineration plant in accordance with local regulations (Emission of air pollutants).
Disposal of empty packaging:	Dispose of empty packs ia local recycling or waste disposal routes- if necessary, clean them beforehand.

14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO)

15. REGULATORY INFORMATION

Labelling according to EC-Directives

Note:	This product must be labeled in accordance with EEC directive 67/548 and 99/45.	
Hazard symbol:	Xn	Harmful
Warnings:	R40	Suspected cancerogenic potential.

Safety advice:	S22	Do not breathe dust.
	S36/37	Wear suitable protective clothing and gloves.

National regulations

German BetriebssicherheitsVO:	Is not subject of the German regulations for flammable liquids (BetriebssicherheitsVO).

16. OTHER INFORMATION

Further information

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Special permission has been granted in accordance with EU Directive 99/45, Article 9, which permit small packages of up to 125 ml or 125 g containing materials that are harmful to health or irritant to be unlabelled with the hazard identification information given in the safety data sheet.