

SAFETY DATA SHEET

ACCORDING TO UK REACH 2020, EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE **COMPANY/UNDERTAKING**

1.1 **Product identifier**

CAS No.

EINECS No.

Product Name DRAQ7

DR70250; DR71000; DR710HC; DR72524; Product code

> DR77524; DR71005 None assigned None assigned None assigned

1.2 Relevant identified uses of the substance or

mixture and uses advised against

REACH Registration No.

Identified use(s) Fluorescent DNA Dye

SU24 Scientific research and development

1.3 Details of the supplier of the Safety Data Sheet

> Company Identification BioStatus Limited

56A Charnwood Road

Shepshed Leicestershire LE12 9NP United Kingdom T: +44 1509 558 163 F: +44 1509 651 061

Telephone Fax E-Mail (competent person) E: enquiry@biostatus.com W: www.biostatus.com

1.4 Emergency telephone number

Emergency Phone No. +44 1509 558 163

(Hours of operation 09.00-18.00 GMT Mon-Fri)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)

Physical hazards Not classified

Human health H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation.

Environment Not classified

(67/548/EEC, 1999/45/EC and 2006/121/EC)

R36/37/38: Irritating to eyes, respiratory system and skin.

Label elements Product Name

Hazard pictogram(s)



Signal word(s) Warning

Hazard statement(s) H315: Causes skin irritation.

H319: Causes serious eye irritation. H335: May cause respiratory irritation.

Precautionary statement(s) P280: Wear protective gloves/protective clothing/eye

protection/face protection.

P264: Wash (hands and exposed skin) thoroughly after

handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water

2.2



for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P312: Call a POISON CENTER/doctor if you feel unwell. P332+P313: If skin irritation occurs: Get medical

advice/attention.

P362: Take off contaminated clothing.

2.3 Other hazards Warning - this preparation contains a substance not yet

tested completely.

2.4 Additional Information None

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Regulation (EC) No. 1272/2008 (CLP); (67/548/EEC, 1999/45/EC and 2006/121/EC)

Hazardous ingredient(s)	%	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Proprietary Derivative of 1,5-BIS{[2- (DIMETHYLAMINO) ETHYL]AMINO}-4,8- DIHYDROXYANTHRACE NE-9,10-DIONE	<1	None assigned	None assigned	None assigned	H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. Xi; R36/37/38: Irritating to eyes, respiratory system and skin.

3.2 Additional Information

For full text of H/P statements see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

General information Warning - this preparation contains a substance not yet

tested completely.

Inhalation IF INHALED: Remove person to fresh air and keep

comfortable for breathing.

Ingestion IF SWALLOWED: Rinse mouth. Get medical attention

immediately.

Skin Contact IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water/shower. If symptoms persist,

obtain medical attention.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue

rinsing. If eye irritation persists: Get medical

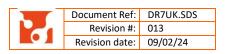
advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation May cause irritation to the respiratory system.

Ingestion Stomach ache. Vomiting Skin Contact May cause irritation. Eye Contact May cause eye irritation. Indication of any immediate medical attention Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed





5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media Non-flammable. In case of fire in the surroundings: all

extinguishing agents allowed.

None anticipated.

5.2 Special hazards arising from the substance or

mixture

5.3 Advice for fire-fighters Fire fighters should wear complete protective clothing

including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and

emergency procedures
6.2 Environmental precautions

6.3 Methods and material for containment and

cleaning up

Wear suitable protective clothing, gloves and eye/face protection. Please see section 8 SDS for more details. Cover with absorbent or contain. Collect and dispose. Wear suitable protective clothing, gloves and eye/face protection. Cover with absorbent or contain. Collect and dispose. Dispose of this material and its container to hazardous or special waste collection point. Wash the

spillage area with water.

6.4 Reference to other sections Wear suitable protective clothing, gloves and eye/face

protection. Please see section 8 SDS for more details. For full text of H/P phrases see section 16. Collect mechanically

and dispose of according to Section 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling For professional users only.

Observe the usage / storage instructions.

Wear suitable protective clothing, gloves and eye/face

protection.

Avoid contact with skin and eyes.

Always wash hands before smoking, eating and drinking.

7.2 Conditions for safe storage, including any

incompatibilities

Storage Temperature Storage temperature (°C): 2-8. Do not freeze.

Storage Life Observe directions on label and instructions for use.

Incompatible materials
Specific end use(s)

Fluorescent DNA Dye SU24 Scientific research and development

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

7.3

8.2

Exposure limit values

Exposure controls

8.2.1 Appropriate engineering controls

8.2.2 Personal protection equipment

Not determined.

None anticipated.

Provide adequate ventilation.







Eye/face protection Wear protective eyewear (goggles, face shield, or safety

glasses).

Skin protection (Hand protection/ Other)
Respiratory protection

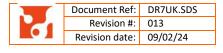
Wear suitable protective clothing and gloves. Not normally required. Unlikely to be hazardous by inhalation because of the low vapour pressure of the

material at ambient temperature.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Coloured liquid.





9.2

Colour Blue. Odour Odourless. Odour Threshold Not available. Not available. Melting Point/Freezing Point Not available. Not available. Initial boiling point and boiling range Flash point Not available. Evaporation rate Not available. Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits Not available. Vapour pressure Not available. Vapour density Not available. Relative density Not available. Not available. Solubility(ies) Not available. Partition coefficient: n-octanol/water Not available. Auto-ignition temperature Not available. **Decomposition Temperature** Viscosity Not available. Explosive properties Not available. Oxidising properties Not available. Other information None known.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity None known.

10.2 Chemical stability Stable at ambient temperatures.

10.3 Possibility of hazardous reactions None known.10.4 Conditions to avoid None known.

10.5 Incompatible materials Strong oxidising agents. Strong Alkalis.

0.6 Hazardous Decomposition Product(s) None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Mixture

Warning - this preparation contains a substance not yet tested completely.

Acute toxicity Not determined. No information available. Irritation Not determined. No information available. Corrosivity Not determined. No information available. Sensitisation Not determined. No information available. Not determined. No information available. STOT - single exposure Repeated dose toxicity Not determined. No information available. Carcinogenicity Not determined. No information available. Mutagenicity Not determined. No information available. **Toxicity for reproduction** Not determined. No information available.

11.2 Other information

Inhalation May cause irritation to the respiratory system.

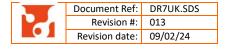
Ingestion Harmful: possible risk of irreversible effects if swallowed.

Skin Contact May cause irritation.

Eye Contact May cause eye irritation.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Not determined. No information available.
12.2	Persistence and degradability	Not determined. No information available.
12.3	Bioaccumulative potential	Not determined. No information available.
12.4	Mobility in soil	Not determined. No information available.
12.5	Results of PBT and VPVB assessment	Not determined. No information available.
12.6	Other adverse effects	Not determined. No information available.





13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Disposal should be in accordance with local, state or

national legislation.

13.2 **Additional Information** Wear suitable protective clothing, gloves and eye/face protection. Please see section 8 SDS for more details.

14. SECTION 14: TRANSPORT INFORMATION

NOT CLASSED AS DANGEROUS FOR Not classified according to the United Nations

TRANSPORT. 'Recommendations on the Transport of Dangerous Goods'.

(IMDG, ICAO/IATA, ADR/RID).

14.1 **UN** number Not applicable. 14.2 **UN Proper Shipping Name** Not applicable. 14.3 Transport hazard class(es) Not applicable. 14.4 **Packing Group** Not applicable.

14.5 **Environmental hazards** None known. 14.6 Special precautions for user Not applicable. Not applicable.

Transport in bulk according to Annex II of 14.7

MARPOL73/78 and the IBC Code

15. SECTION 15: REGULATORY INFORMATION

Safety, health and environmental This Safety Data Sheet was prepared in accordance with

regulations/legislation specific for the substance UK REACH 2020, EC Regulation (EC) 1907/2006

or mixture (REACH), 1272/2008 (CLP)& 453/2010. 15.2 **Chemical Safety Assessment** Not determined. No information available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL Long Term Exposure Limit STEL Short Term Exposure Limit STOT Specific Target Organ Toxicity **DNEL** Derived No Effect Level

PNEC Predicted No Effect Concentration PBT Persistent, Bioaccumulative and Toxic vPvB very Persistent and very Bioaccumulative

Flam. Liq. 1 Flammable Liquid Category 1 Flam. Liq. 2 Flammable Liquid Category 2 Flam. Liq. 3 Flammable Liquid Category 3 Acute Tox. 4 Acute toxicity Category 4

Skin corrosion/irritation Category 2 Skin Irrit. 2 Eve Irrit. 2 Serious eye damage/irritation Category 2

STOT SE 3 Specific target organ toxicity — single exposure Category 3 Specific target organ toxicity — repeated exposure Category 1 STOT RE 1

Hazard statement(s) and Precautionary statement(s)

H319: Causes serious eye irritation.

H315: Causes skin irritation. R36/37/38: Irritating to eyes, respiratory system and skin.

H335: May cause respiratory irritation.

Disclaimers

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