

Material Safety Data Sheet

DAB Tablets

Catalog No: NCL-DAB

1. Product and Company Information

Product Name	DAB Tablets
Catalog Number	NCL-DAB
Intended Use	Immunohistochemistry

Location	Europe
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Company	Leica Biosystems Newcastle Ltd Balliol Business Park West Benton Lane Newcastle Upon Tyne NE12 8EW United Kingdom
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2. Composition/Information on Ingredients

Component	CAS Number	Percent Composition	Classification: Indications of danger / R phrases
3,3' diaminobenzidine tetrahydrochloride	7411-49-6	2.4%	Xn R 20/21/22

For indications of danger and R phrases see Section 16.

3. Hazards Identification

This product is not classified as a dangerous preparation according to 1999/45/EC, 67/548/EEC, 2001/58/EC directives and following amendments and modifications.

For additional information on toxicity, please refer to section 11.

4. First Aid Measures

Ingestion:	If ingested, wash out mouth with water, provided person is conscious. Seek medical advice immediately.
Inhalation:	If inhaled, remove to fresh air. If not breathing give artificial respiration. Seek medical advice immediately.
Skin:	Immediately remove contaminated clothing and shoes. In case of skin contact, flush with plenty of water for at least 15 minutes.
Eye:	In case of contact with eyes, flush with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical advice immediately.

5. Fire Fighting Measures

Autoignition Temp:	N/A
Firefighting Protective Equipment:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s):	Emits toxic fumes under fire conditions.

6. Accidental Release Measures

Procedure(s) of Personal Precaution(s):	Wear enclosed footwear and chemical-resistant gloves.
Methods for Cleaning Up:	Absorb on sand or vermiculite and place in closed containers for disposal. When spilled, the floor may be slippery. Wipe up the spillage completely. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Handling:	Avoid inhalation. Avoid contact with eyes, skin, and clothing.
Storage:	Store at 2–8 °C in the dark.

8. Exposure Controls/Personal Protection

Engineering Controls:	Safety shower and eye bath.
Gloves:	Compatible chemical-resistant gloves.
Eye Protection:	Chemical safety goggles or face shield.
Respirator:	Government approved respirator.
Other Precautions:	Plastic apron, sleeves and boots – if handling large quantities.

9. Physical and Chemical Properties

Physical Appearance:	Solid	Relative Density:	No data
Color:	Purple	pH:	No data
Odor:	Faint	Flash Point:	No data
Flammability:	No data	Solubility:	Fully miscible in all proportions

10. Stability and Reactivity

Stability:	Stable. May darken on storage.
Materials to Avoid:	Strong oxidizing agents.
Conditions to Avoid:	Sensitive to light and moisture.
Hazardous Decomposition Products:	May release carbon dioxide, carbon monoxide, nitrogen oxides and hydrogen chloride.

11. Toxicological Information

May cause harm to the unborn child.

Skin Contact	Causes skin irritation.
Skin Absorption	May be harmful if absorbed through the skin.
Eye Contact	Causes eye irritation.
Inhalation	Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion	Harmful if swallowed.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Chronic Exposure Carcinogen

Possible carcinogen.

12. Ecological Information

No data available.

13. Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. Transportation Information

Complete Shipping Name	Environmentally hazardous substance.
UN Number:	3082
Class:	9
Packing Group:	III
Hazard Label:	Class 9
PIH:	Not PIH

15. Regulatory Information

This product is not classified as a dangerous preparation according to 1999/45/EC, 67/548/EEC, 2001/58/EC directives and following amendments and modifications.

S-phrases:	S 26 36/37/39 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection.
EEC-No.:	231-018-9
Local regulations:	No data available

16. Other Information

Indications of Danger:	Xn Harmful
Risk Statements:	R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

The information contained in this Material Safety Data Sheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of the data to the formulation of necessary safety precautions. Leica Biosystems Newcastle Ltd. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Data Sheet.

