




1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Name of the substance	CZ420
Synonyms	LBL-Dye 488 NHS Ester
REACH registration number	N/A
CAS number	N/A
EINEC/ELINS/CE	N/A
Company identification	Laboratoires Synth-Innove 33 Boulevard du Général Martial Valin 75015 PARIS – France Tel: +33(0)1 45 58 36 90 Fax: +33(0)1 45 58 36 90 e-mail: reglementaire@synth-innove.fr
Emergency number	+33(0)1 45 58 36 90

2. HAZARDS IDENTIFICATION

Regulation (EC) No 1272/2008 (GHS)	No data available
Hazard pictogram	 Warning SGH07

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Chemical name	CZ420
CAS number	N/A
EINECS/ELINCS	N/A

4. FIRST-AID MEASURES

After inhalation	Let in fresh air.
After skin contact	Wash away with soap and water rinse.
After eye contact	Flush with plenty of water (10-15 min). Call a physician
After ingestion	Call a physician

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide. Extinguishing powder. Foam. Water spray jet.
Special protective equipment	When extinguishing fires, use breathing apparatus with an independent source of air.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid dust development. Provide for sufficient ventilation.
Environmental precautions	Do not empty into drain.
Methods for cleaning up/collecting	Remove mechanically, take-up residues with absorbing material.

7. HANDLING AND STORAGE

Information for safe handling	Normal precautions taken when handling chemicals should be observed. Prevent the creation of flammable or explosive concentrations of dust in air and avoid dust concentration higher than the OEL (=Occupational Exposure Limit)
Information about protection against explosions and fires	Keep away from ignition sources – No smoking. Take precautionary measures against static discharges.
Requirements to be met by storerooms and containers	Store containers tightly closed in a place at a temperature $\leq -15^{\circ}\text{C}$.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

General protective and hygiene measures	The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work.
Respiratory protection	Combination filter mask.
Hand protection	Protective gloves, rubber or PVC.
Eye protection	Use safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Relevant safety data

Physical state	Solid. Powder.
Colour	Red
Odour	Odourless
Melting point	No data available
Flash point	No data available
pH value	No data available
Solubility	Soluble in DMSO, water and methanol

10. STABILITY AND REACTIVITY


Conditions to avoid	Stable under recommended storage and handling conditions (see section 7)
Materials to avoid	Keep away from oxidizing agents.
Hazardous decomposition products	None

11. TOXICOLOGICAL INFORMATION

Primary irritant effect	No data available
Toxicological data	No data available


12. ECOLOGICAL INFORMATION

No ecological data available

 <p>33, Bd du Général Martial Valin 75015 PARIS</p>	<p align="center">Material Safety Data Sheet According to regulation (EC) 1907/2006 CZ420</p>	<p>4th edition Edition date: March 24th 2025 Page 4/4</p>
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13. DISPOSAL CONSIDERATIONS	
Product	In accordance with local official regulations. Remove in accordance with regulations.

14. TRANSPORT INFORMATION
No dangerous good in sense of transport regulation. Not restricted according to ICAO-TI/IATA DGR

15. REGULATORY INFORMATION	
<i>CAUTION: Substance not yet fully tested.</i>	
Regulation (EC) No 1272/2008 (GHS)	
Labelling (Hazard pictograms)	 <p align="center">Warning SGH07</p>
Signal word	Warning
Hazard statements	No data available
Precautionary statements	No data available

16. OTHER INFORMATION
The details in this material safety data sheet satisfy national and EC legislation. The user is responsible for the observance of all required statutory provisions.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.