



Material Safety Data Sheet

According to regulation (EC)
1907/2006

**ACTIVATED DISULFONATED BLUE
SUCCINIMIDYL ESTER**

4th edition


Edition date:
March 24th 2025

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1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Name of the substance	Activated disulfonated blue succinimidyl ester
Synonyms	BM105, Fluorophore BM105, LBL-Dye 715 NHS Ester
REACH registration number	N/A
CAS number	Not yet determined
EINEC/ELINS/CE	Not yet determined
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)	H315: Cause skin irritation. H319: Cause serious eye damage. H335: May cause respiratory irritation
Hazard pictogram	 Attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization	
Chemical name	Activated disulfonated blue succinimidyl ester
CAS number	Not yet determined
EINECS/ELINCS	Not yet determined

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



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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 independant 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. Crystalline powder.
Colour	Dark blue
Odour	Odourless
Melting point	No data available
Flash point	No data available
pH value	No data available
Solubility	Soluble in water. Not very soluble in organics solvents.

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	Irritating to respiratory tract
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12. ECOLOGICAL INFORMATION


No ecological data available


13. DISPOSAL CONSIDERATIONS

Product	In accordance with local official regulations. Remove in accordance with regulations. Waste code (91/686/EEC).
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14. TRANSPORT INFORMATION

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

 <p>33, Bd du Général Martial Valin 75015 PARIS</p>	<p align="center">Material Safety Data Sheet According to regulation (EC) 1907/2006</p> <p align="center">ACTIVATED DISULFONATED BLUE SUCCINIMIDYL ESTER</p>	<p>4th edition</p> <p>Edition date: March 24th 2025</p> <p>Page 4/4</p>
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15. REGULATORY INFORMATION	
<i>CAUTION: Substance not yet fully tested.</i>	
Regulation (EC) No 1272/2008 (GHS)	
Labelling (Hazard pictograms)	<p align="right">SGH07</p>  <p align="center">Attention</p>
Signal word	Attention
Hazard statements	H315: Cause skin irritation. H319: Cause serious eye damage. H335: May cause respiratory irritation
Precautionary statements	P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice/attention.

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.