

Section 1 - Product and Company Information

Product name: TDB-HS15, TDB-HS15 VacciGrade™

Cat. code: tlrl-stdb, vac-stdb

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Disclaimer: All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

Section 2 – Hazards Identification

Emergency Overview:

OSHA Hazards

No known OSHA hazards

GHS Classification

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Labeling according Regulation (EC) No 1272/2008 [CLP]

Pictogram none Signal word none Hazard statement none Precautionary statements none

HMIS Classification: Health Hazard 0, Flammability Hazard 0, Reactivity Hazard 0

NFPA Rating: Health Hazard 0, Fire 0, Reactivity Hazard 0

Section 3 – Composition/Information on Ingredient

TDB-HS15 contains the components listed below.

Ingredient	CAS Number	EC Number	GHS Classification	Pictogram
TDB (trehalose-6,6-dibehenate)	66758-35-8	Not available	Not dangerous	None
Kolliphor® HS 15 (former tradename Solutol® HS 15)	70142-34-6	Not available	Not dangerous	None

Section 4 – First Aid Measures

General advice: Consult a physician. Show this material safety data sheet to the doctor in attendance.

After skin contact: Immediately wash skin with soap and plenty of water. Consult a physician.

After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.



Material Safety Data Sheet

After inhalation: Remove to fresh air. If not breathing give artificial respiration. Consult a physician. After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Specific hazards arising from the chemical: No data available

Special Firefighting Procedures: Wear self-contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Avoid dust formation.

Method for cleaning up: Sweep up and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

User exposure: Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).

Storage: Store at -20°C.

Section 8 – Exposure Controls / PPE

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eve protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

Section 9 – Physical / Chemical Properties

Appearance

Physical state: Solid Color: White **Safety Data**

Odor: No data available

Odor threshold: No data available

pH: No data available

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point: No data available Evaporation rate: No data available Flammability: No data available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available Relative density: No data available Solubility: No data available

Partition coefficient: n-octanol/water: No data available





Autoignition temperature: No data available Decomposition temperature: No data available

Viscosity: No data available

Section 10 – Stability and Reactivity

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available

Conditions to avoid: No data available **Incompatible materials:** No data available

Hazardous decomposition products: No data available

Section 11 – Toxicological Information

Acute toxicity:

Oral LD50: No data available Inhalation LC50: No data available Dermal LD50: No data available

Other information on acute toxicity: No data available

Skin corrosion/irritation: No data available Serious eye damage/irritation: No data available Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available Carcinogenicity: No data available Reproductive toxicity: No data available Additional information: No data available

Section 12 – Ecological Information

Ecotoxicity: No data available

Persistence and degradability: No data available Bioaccumulative potential: No data available

Mobility in soil: No data available

Section 13 – Disposal Considerations

Product: Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.

Contaminated packaging: Dispose of as unused product.

Section 14 – Transport Information

ADR/RID: Not dangerous goods DOT (US): Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

Section 15 – Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

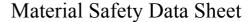
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture no data available

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15.2 Chemical Safety Assessment

no data available

OSHA Hazards No known OSHA hazards

Section 16 – Other Information

The information contained in this MSDS relates only to the material(s) designated and does not relate to use(s) in combination with any other material, process(es) and/or chemical reaction(s). InvivoGen provides this information in good faith and is based on our present knowledge. This MSDS is provided without warranty of any kind. The recipient is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

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