



Serving Scientific Community
Since 1985



TECHNO PHARMCHEM

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

INVERTASE

Section 1: Identification

Code No. : 045119

Name of the Product: Invertase for Biochemistry

Section 2: Compositions

CAS No.	Name	Percent
9001-57-4	Invertase	100

Section 3: Hazards Identification

All ingredients in this medium are nonhazardous.

Section 4: First-Aid Measures

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

If inhaled : If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse immediately with plenty of water for at least 15 minutes.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5: Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Carbon oxides

Precautions for fire-fighters: Wear self contained breathing apparatus for firefighting if necessary

Section 6: Accidental Release Measures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. Do not let product enter drains.

Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Normal measures for preventive fire protection. Store in cool place. Keep container tightly closed in a dry and wellventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended Storage Temperature : On receipt store below 30°C

Section 8: Exposure Controls/Personal Protection

Avoid contact with skin, eyes and clothing. Wash hands before and immediately after handling the product. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

Eye/face protection : Safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection: Handle with gloves. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Do not empty into drains.



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Section 9: Physical and Chemical Properties

Appearance	Off White to light brown powder
Odour	Mild
pH	5.20 – 5.60
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Flammability (Solid, gas)	No data available
Vapour pressure	No data available
Relative density	No data available
Water Solubility	Partly soluble in water
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Viscosity	No data available
Vapour density	No data available
Thermal decomposition	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid Heat & Moisture	
Incompatible materials	No data available
Hazardous decomposition products	No data available

Section 11: Toxicological Information

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity- single exposure	No data available

Section 12: Ecological Information

Toxicity	No data available
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Section 13: Disposal Considerations

On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose of waste in accordance with all applicable Federal, State and local laws.

Section 14: Transport Information

Not Regulated



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Section 15: Regulatory Information

Risk Phrases Not applicable.

Safety Phrases Not applicable.

Safety health and environment regulations No data available

Chemical Safety Assessment No data available

Section 16: Other Information

Product Use : Laboratory Reagent for educational & research purposes