

TaiDoc Technology Corporation

Safety Data Sheet

β -Ketone Test Strip

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<i>Product name</i>	β -Ketone Test Strip
<i>Product number</i>	TD-4630
<i>Recommended use and restrictions on use</i>	β -Hydroxybutyrate Dehydrogenase contained dry reagent for quantitative analysis of bovine blood β -ketone. This product is for single use. This product is for dairy use only.

<i>Manufacturer name</i>	TaiDoc Technology Corporation
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SECTION 2. COMPOSITION/INFORMATION IN INGREDIENTS

<i>Component (within the reaction area)</i>	β -Hydroxybutyrate Dehydrogenase Electron shuttle NAD Enzyme protector Non-reactive ingredients
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All chemical components are mixed and dried under processing. The reaction area contained those chemicals is protected by covering transparent layer on

it. Therefore, there is no contact hazard under normal handling.

SECTION 3. HAZARD IDENTIFICATION

<i>Route of entry</i>	Skin-NO Eye-NO Inhalation-NO Ingestion-YES. May cause choking hazard if swallowed.
<i>Hazardous decomposition products</i>	When exposed to fire, produces normal products of combustion.
<i>Unusual fire, explosion and reactivity hazards</i>	No special hazards known.

SECTION 4. FIRST AID MEASURES

<i>Ingestion</i>	If swallowed, seek medical attention.
<i>Medical information</i>	None

SECTION 5. FIREFIGHTING MEASURES

<i>Flash point</i>	N.A.
<i>Flammable limits</i>	
Upper	N.A.
Lower	N.A.
<i>Extinguishing media</i>	CO ₂ , foam, water
<i>Special fire fighting procedure</i>	N.A.
<i>Unusual fire and explosion hazards</i>	N.A.

SECTION 6. ACCIDENTAL RELEASE MEASURES

<i>In case of spill or leak</i>	There is no spill potential under normal use. If leaked reagents of reaction area happened, dispose the strip into a suitable container and wash contact area with soapy water (ex. hand)
<i>Additional information</i>	None

SECTION 7. HANDLING AND STORAGE

<i>Safety information</i>	None
<i>Precautions to be taken in handling and storage</i>	Store in secure area Keep out of reach of children
<i>Storage conditions</i>	Store in a cool and dry place. Do not expose to direct light. Must be stored in original container.
<i>Handle conditions</i>	Handle as directed in the package insert

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	None required.
Skin	None required.
Eye	None required.
Protective Gloves	None required.
Ventilation	Normal ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Characteristic	Plastic strip plate
<i>Appearance</i>	White for plastic plate and yellow for reaction well.
<i>Odor</i>	None
Melting point/freezing point	N.A.
<i>Boiling point</i>	N.A.
<i>Specific Gravity (Water=1)</i>	N.A.
<i>Vapor Pressure (mm Hg)</i>	N.A.
<i>Vapor Density (air=1)</i>	N.A.
<i>Evaporation Rate (Butyl Acetate=1)</i>	N.A.
<i>Flammability (solid, gas)</i>	N.A.
<i>pH</i>	The pH of dry reagent in reaction well is around 7.0-7.4.
<i>Solubility in Water</i>	N.A.
<i>Partition coefficient: n-octanol/water</i>	N.A.

SECTION 10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable
<i>Conditions to Avoid</i>	Acids, strong oxidizing agents. Temperature below 4°C and above 30°C.
<i>Incompatibility</i>	N.A.
<i>Hazardous Decomposition or Byproduct</i>	None
<i>Conditions to Avoid</i>	N.A.

SECTION 11. TOXICOLOGICAL INFORMATION

<i>Routes of entry</i>	Ingestion
<i>Health hazards</i>	Acute: Choking if swallowed Chronic: None
<i>Carcinogenicity</i>	None
<i>Medical Conditions Aggravated</i>	None

SECTION 12. ECOLOGICAL INFORMATION

Potential effect on environment	Not known
Bioaccumulative potential	Not known
Mobility in soil	Not known
Ecotoxicity (aquatic and terrestrial, where available)	Not known
Persistence and degradability	Not known
Other adverse effects (such as hazardous to the ozone layer)	Not known

SECTION 13. DISPOSAL CONSIDERATION

<i>Appropriate methods of disposal</i>	Dispose wastes in accordance with Federal, State, and Local requirements.
<i>European Community (EC) consideration</i>	Use appropriate waste codes based on ingredients.

SECTION 14. TRANSPORT INFORMATION

<i>Transportation precautions</i>	Consult applicable regulation when transporting this product.
<i>Additional information</i>	Follow the guidelines listed in the package for proper transportation

SECTION 15. REGULATORY INFORMATION

European labeling in accordance with EC Directives

Hazard Symbols	N.A.
Safety phrases	Keep out of the reach of children
Risk Phrases	None
<i>Additional information</i>	Consult country codes for specific requirements

SECTION 16. OTHER INFORMATION

TaiDoc Technology Corporation provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the materials contained in this kit by a properly trained person using this product. TaiDoc Technology Corporation shall not be held liable for any damage resulting from handling or use.