



Allied Biotech, Inc

Material Safety Data Sheet

Printing date 07/20/2004 Reviewed on 05/20/2004

1 Identification of substance

Product details

Trade name; Quantitative Telomerase Detection Kit

Cat. No: MT3010, MT3011, MT3012

Manufacturer/Supplier:

Allied Biotech, Inc 10075 Tyler Place #19, Ijamsville, MD 21754

Tel.: (301) 874-0495

Product use: For research use only. Not for use in diagnostic procedures.

24 hour Emergency Response Number:

Tel.: (443)-668 7315

MSDS-No MTRTmix

2 Composition/Data on components

Chemical characterization

Description: Liquid (Proprietary Compound Mixture)

Dangerous components:

67-68-5 dimethyl sulfoxide

<20%

3 Hazards identification

Hazard description: Not applicable.

Information pertaining to particular dangers for man and environment;

Warning - contains substance not yet fully tested

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 -4)

Health = 0

Fire = 0

Reactivity = 0

WHMIS-ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity 0

4 First aid measures

Inhalation: Supply fresh air; get immediate medical attention.

Skin contact: Immediately wash with water and soap and rinse thoroughly.

Eye contact: Flush eyes with plenty of water for several minutes, get immediate medical attention.

Swallowing: Immediately call a doctor.

5 Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: Do not inhale explosion gases or combustion gases.

6 Accidental release measures

Person-related safety precautions: Ensure adequate ventilation

Measures for environmental protection: Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

Storage: Store and handle in accordance with all current regulations and standards. See original container for storage recommendations.

8 Exposure controls and personal protection

Additional information about design of technical systems. No further data; see item 7.

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Any self-contained breathing apparatus with a full facepiece.

Protection of hands: Wear appropriate chemical resistant gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Eye protection: Wear Tightly sealed goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

9 Physical and chemical properties

Form:	Fluid
Color:	According to product specification
Odor:	Not applicable
Melting point/Melting range:	Not applicable.
Boiling point/Boiling range:	Not applicable.
Flash point:	Not applicable.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Density:	Not determined.
Solubility in I Miscibility with water:	Fully miscible.
pH-value at 20°C (68°F):	8.7

10 Stability and reactivity

Reactivity: Stable at normal temperature and pressure.

Dangerous reactions Reacts with acids, alkalis and oxidizing agents.

Dangerous products of decomposition: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity level: Ingestion slightly toxic.

Primary irritant effect:

Skin: Irritant to skin and mucous membranes.

Eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

12 Ecological information

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

Product:

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

U.S. Department of transportation: No classification assigned

Hazard class: -

Land transport ADR/RID: No classification assigned

ADR/RID class: -

Maritime transport IMDG: No classification assigned

Air transport ICAO: No classification assigned

ICAO/IATA Class: -

15 Regulations

Section 355 (extremely hazardous substances): None of the ingredient is listed.

Section 313 (toxic chemical listing): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity: None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency): None of the ingredients is listed.

IARC (International Agency for Research on Cancer):

None of the ingredients is listed.

NTP (National Toxicology Program): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH):

None of the ingredients is listed.

Product related hazard information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Special labeling of certain preparations:

Warning - contains substance not yet fully tested

National regulations:

Technical instructions (air):

Class Share in %

NK 10-25

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.