



# Material Safety Data Sheet

## RT/HotStar Taq

### 1. IDENTIFICATION OF THE PREPARATION/SUBSTANCE AND OF THE COMPANY

Preparation Name: RT/HotStar Taq

Product code: SM300-0050a, SM300-0010a

Use of the preparation:

For laboratory use.

Company identification:

GeneDireX, Inc.

Website: [www.genedirex.com](http://www.genedirex.com)

### 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

Chemical Name	CAS-No	Weight %
Glycerol	56-81-5	40-70

### 3. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Form

Liquid

Principle Routes of Exposure/ Potential Health effects

Eyes No information available

Skin No information available

Inhalation No information available

Ingestion No information available

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

HMIS

Health 0

Reactivity 0

Flammability 0

### 4. FIRST-AID MEASURES

Skin contact Wash off immediately with plenty of water.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids.

Ingestion Never give anything by mouth to an unconscious person.

Inhalation Move to fresh air.

Notes to physician Treat symptomatically.



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## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical
Special protective equipment	Wear self-contained breathing apparatus and protective suit for firefighters

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment.
Methods for cleaning up	Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

Handling	No special handling advice required
Storage	Keep in properly labelled contain

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls	
Exposure limits	
Chemical Name	Glycerol
OSHA PEL (TWA)	15 mg/m <sup>3</sup> total dust, 5 mg/m <sup>3</sup> respirable fraction
OSHA PEL (Ceiling)	-
ACGIH OEL (TWA)	10 mg/m <sup>3</sup>
ACGIH OEL (STEL)	-
Engineering measures	Ensure adequate ventilation, especially in confined areas
Personal protective equipment	
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Protective gloves
Eye protection	Safety glasses with side-shields
Skin and body protection	Lightweight protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	Prevent product from entering drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

General Information	
Form	Liquid
Important Health Safety and Environmental Information	
Boiling point/range	°C No data available °F No data available
Melting point/range	°C No data available °F No data available
Flash point	°C No data available °F No data available
Autoignition temperature	°C No data available °F No data available
Oxidizing properties	No information available
Water solubility	No data available

## 10. STABILITY AND REACTIVITY

Stability	Stable.
Materials to avoid	No information available
Hazardous decomposition products	No information available
Polymerization	Hazardous polymerisation does not occur.



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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Principle Routes of Exposure/ Potential Health effects

Eyes No information available

Skin No information available

Inhalation No information available

Ingestion No information available

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

## 12. ECOLOGICAL INFORMATION

Ecotoxicity effects No information available

Mobility No information available

Biodegradation Inherently biodegradable.

Bioaccumulation Does not bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

IATA

Proper shipping name Not classified as dangerous in the meaning of transport regulations

Hazard Class No information available

Subsidiary Class No information available

Packing group No information available

UN-No No information available

## 15. OTHER INFORMATION

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