

Foreasy HS Taq DNA Polymerase

Components:

Foreasy HS Taq DNA Polymerase

2x Taq Reaction Buffer

Material Safety Data Sheet

1 Identification of substance

Product details

Trade name: Foreasy HS Taq DNA Polymerase

Manufacturer/Supplier:

Foregene Company Limited

Building D2, No.18, North Bayi Road, Wenjiang, Chengdu, Sichuan, P. R. China

Tel.:86-28-83361257

Information department:

Foregene Technical Service

Building D2, No.18, North Bayi Road, Wenjiang, Chengdu, Sichuan, P. R. China

Tel.:86-28-83361257

Email:Tech@foregene.com

Emergency information:

CHEMTREC

Tel.:86-28-83361257

2 Composition/Data on components

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

56-81-5

Glycerin

40-70%

Additional information: The product contains no substances which at their given concentration, are considered to be.

3 Hazards identification

Hazard description:

None.

Information pertaining to particular dangers for man and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water.

Then consult a doctor.

After 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: No special environmental precautions required.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: No dangerous substances are released.

7 Handling and storage

Handling:

Information for safe handling: No special measures required.

Information about protection against explosions and fires: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Storage Conditions: Store at $-20 \pm 5^{\circ}\text{C}$.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Specific end use(s):

For research use only. Not for use in diagnostic proced.

8 Exposure controls and personal protection

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

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Protection of hands: Protective gloves.

Material of 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.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles.

9 Physical and chemical properties

General Information

Form: Fluid.

Color: Clear.

Odor: None.

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable.

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Vapor pressure at 20°C (68°F): Undetermined.

Density at 20°C (68°F): Not determined.

Solubility in / Miscibility with Water: Fully miscible.

pH-value at 20°C (68°F): Undetermined.

10 Stability and reactivity

Reactivity: None known.

Chemical stability: Stable under normal conditions.

Dangerous reactions: Reacts with acids, alkalis and oxidizing agents.

Dangerous products of decomposition: Danger of toxic pyrolysis products.

11 Toxicological information

Acute toxicity:**Primary irritant effect:**

on the skin: Irritant to skin and mucous membranes.

on the 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:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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

DOT regulations:

Hazard class: -

Land transport ADR/RID (cross-border):

ADR/RID class: -

Maritime transport IMDG:

IMDG Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

15 Regulations

Sara

Section 313 (Specific toxic chemical listings):

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 for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogen 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.

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

16 Other information

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