

# Foreasy RNase Inhibitor

## Components:

Foreasy RNase Inhibitor

# Material Safety Data Sheet

## 1 Identification of substance

### Product details

**Trade name:** Foreasy RNase Inhibitor

### 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:** CO<sub>2</sub>, 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**

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.