

### SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-T-103964
<b>Product Name</b>	Homarine-15N,13C2,d3
<b>CAS No.</b>	445-30-7(unlabelled)
<b>Category</b>	Stable Isotope Reagent
<b>Synonyms</b>	-
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

#### 2.2 Label Elements

**Signal Word:** Not available

Not available

#### Hazard Statement(s)

Code	Statement
Not available	Not available

#### Precautionary Statement(s)

Code	Statement
Not available	Not available

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Homarine-15N,13C2,d3  
CAS Number : 445-30-7(unlabelled)  
Molecular Formula : C<sup>13</sup>H<sup>15</sup>D<sup>3</sup>NO<sup>2</sup>  
Molecular Weight : 143.13  
Parent Chemical : -  
Synonyms : -  
Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

General advice: Seek medical attention if symptoms persist or if you feel unwell. Show this SDS to the physician.

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with soap and plenty of water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops or persists.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention.

##### 4.2 Most important symptoms and effects, both acute and delayed

Not available.

##### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No data available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures appropriate to surrounding fire (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).

Unsuitable extinguishing media: Not available.

##### 5.2 Special hazards arising from the substance or mixture

Specific hazards: Not available.

Hazardous combustion products: Not available.

##### 5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Cool containers with water spray if exposed to fire. Avoid inhalation of combustion products.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Ensure adequate ventilation. Use appropriate personal protective equipment.

### 6.2 Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

### 6.3 Methods and material for containment and cleaning up

Contain spill. Collect using methods that minimize dust generation (e.g., damp wipe, HEPA-filtered vacuum). Place in a suitable, closed container for disposal. Clean contaminated area.

### 6.4 Reference to other sections

For personal protective equipment see Section 8. For disposal considerations see Section 13.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Handle in accordance with good laboratory hygiene and safety practice. Avoid breathing dust and contact with skin and eyes. Use with adequate ventilation. Keep container tightly closed when not in use.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Protect from moisture. Keep in original container. Incompatible materials: Not available.

#### 7.3 Specific end use(s)

Stable isotope reagent. For research and development/laboratory use only.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limits: No data available.

Biological limit values: Not available.

#### 8.2 Exposure controls

Appropriate engineering controls: Use local exhaust ventilation or general ventilation to minimize airborne levels.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (material not specified). Lab coat or protective clothing.
- Respiratory protection: If ventilation is inadequate or dust is generated, use an appropriate particulate respirator.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available

Test	Result
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No data available.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Avoid dust formation. Avoid exposure to moisture and extreme conditions. Further information: Not available.

### 10.5 Incompatible materials

Not available.

### 10.6 Hazardous decomposition products

Not available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

### Likely routes of exposure

- No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

## SECTION 12: Ecological information

### SECTION 12: Ecological information

#### 12.1 Toxicity

No data available.

#### 12.2 Persistence and degradability

No data available.

#### 12.3 Bioaccumulative potential

No data available.

#### 12.4 Mobility in soil

No data available.

#### 12.5 Results of PBT and vPvB assessment

Not available.

#### 12.6 Endocrine disrupting properties

No data available.

### 12.7 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulations. Do not discharge to drains or the environment.

Recommended disposal method: Chemical waste; specific method depends on local regulations and the nature/contamination of the material.

Contaminated packaging: Dispose of as unused product or according to local requirements.

## SECTION 14: Transport information

### SECTION 14: Transport information

#### 14.1 UN number

Not available.

#### 14.2 UN proper shipping name

Not available.

#### 14.3 Transport hazard class(es)

Not available.

#### 14.4 Packing group

Not available.

#### 14.5 Environmental hazards

Not available.

#### 14.6 Special precautions for user

Not available.

#### 14.7 Transport in bulk according to IMO instruments

Not available.

## SECTION 15: Regulatory information

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available.

#### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

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Product name: Homarine-15N,13C2,d3

Catalog no.: CS-T-103964

CAS no. (unlabelled): 445-30-7

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: Not available

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