

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

Catalogue Number	CS-DE-00157
Product Name	Pentadecane
CAS No.	629-62-9
Category	Pesticide Standards
Synonyms	pentadecane
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email 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: Warning

Not available

Hazard Statement(s)

Code	Statement
H304	Not available

Precautionary Statement(s)

Code	Statement
P301+P316	Not available
P331	Not available
P405	Store locked up.

P501

Dispose of contents/container in accordance with local/regional/national/international regulation

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Pentadecane

CAS Number : 629-62-9

Molecular Formula : C₁₅H₃₂

Molecular Weight : 212.42

Parent Chemical : -

Synonyms : pentadecane

Concentration : Not available

SECTION 4: First aid measures

Not available

SECTION 5: Firefighting measures

Not available

SECTION 6: Accidental release measures

Not available

SECTION-7: Handling and storage

Not available

SECTION 8: Exposure controls / personal protection

Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

Test	Result
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

Not available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: Pentadecane may be harmful by inhalation, ingestion, or skin absorption during industrial use. Pentadecane, when aspirated into the lungs, is an asphyxiant. Pentadecane incubated in vitro with rabbit heart mitochondrial protein did not cause significant effects on respiration and oxidative phosphorylation of the heart mitochondria.

- Skin corrosion/irritation: It may cause eye and skin irritation. No erythema was noted in 1-day in vivo hydrocarbon exposures but significant erythema was observed in 4-day pentadecane exposed sites. Morphological observations revealed slight intercellular and intracellular epidermal edema in 4-day exposures with the aliphatic hydrocarbons. Epidermal thickness and number of cell layers significantly increased in pentadecane-treated sites. Subcorneal microabscesses containing inflammatory cells were observed with most of the long-chain aliphatic hydrocarbons and JP-8 in 4-day exposures.
- 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

- Inhalation, ingestion, or skin absorption during industrial use; aspiration into the lungs.

Symptoms related to the physical, chemical and toxicological characteristics

- May be harmful by inhalation, ingestion, or skin absorption during industrial use. When aspirated into the lungs, is an asphyxiant. May cause eye and skin irritation.

SECTION 12: Ecological information

Not available

SECTION 13: Disposal considerations

Not available

SECTION 14: Transport information

Not available

SECTION 15: Regulatory information

Not available

SECTION 16: Other information

Not available

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