

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

Catalogue Number	CS-AJ-00018
Product Name	Tribenuron methyl
CAS No.	101200-48-0
Category	Pesticide Standards
Synonyms	-
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:

Serious eye damage/eye irritation (Category 2)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H317	May cause an allergic skin reaction.
H373	Not available
H400	Not available
H410	Not available

H319	Causes serious eye irritation.
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Precautionary Statement(s)

Code	Statement
P260	Not available
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Not available
P273	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P319	Get medical help if you feel unwell.
P321	Specific treatment (see ... on this label).
P333+P317	Not available
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Not available
P501	Dispose of contents/container in accordance with local/regional/national/international regulation
P264+P265	Not available
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present
P337+P317	If eye irritation persists: Get medical help.

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Tribenuron methyl
 CAS Number : 101200-48-0
 Molecular Formula : C₁₂H₁₄N₂O₃
 Molecular Weight : 395.39
 Parent Chemical : -
 Synonyms : -
 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	White to off-white solid
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

Property	Value
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: LC50 (rat) > 5,000 mg/m³/4h /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ /In a/ 28 day dermal toxicity /study using rabbits/ ...The limit dose, 1,000 mg/kg/day, resulted in serious toxicity and death. No NOAEL or LOEL defined. Toxicity included treatment site lesions, hypokinesia, decreased body weights and food consumption, and kidney pathology, but the cause of death could not be determined.

- Skin corrosion/irritation: No data available.

- Serious eye damage/eye irritation: No data available.

- Respiratory or skin sensitization: /SIGNS AND SYMPTOMS/ EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: Repeated or prolonged contact may cause skin sensitization. /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Mildly sensitizing to skin (guinea pig maximization test), but not likely to be a dermal sensitization risk to humans.

- Germ cell mutagenicity: No data available.

- Carcinogenicity: Cancer Classification: Group C Possible Human Carcinogen /LABORATORY ANIMALS: Chronic Exposure or Carcinogenicity/ /In a carcinogenicity study in mice, the/ NOAEL= 3 (males) mg/kg/day /and the/ LOAEL= 30 mg/kg/day based on bilateral seminiferous degeneration and oligospermia. Although frank toxicity was not observed in the females, ...peer review judged the dose levels to be adequate. No evidence of carcinogenicity.

- Reproductive toxicity: No data available.

- STOT-single exposure: No data available.

- STOT-repeated exposure: /SIGNS AND SYMPTOMS/ EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: Repeated or prolonged contact may cause skin sensitization. /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ /In a/ 28 day dermal toxicity /study using rabbits/ ...The limit dose, 1,000 mg/kg/day, resulted in serious toxicity and death. No NOAEL or LOEL defined. Toxicity included treatment site lesions, hypokinesia, decreased body weights and food consumption, and kidney pathology, but the cause of death could not be determined.

- Aspiration hazard: No data available.

Likely routes of exposure

- LC50 Rat inhalation >5.0 mg/L air/4 hr

Symptoms related to the physical, chemical and toxicological characteristics

- /SIGNS AND SYMPTOMS/ /Causes/ redness /in/ eyes and skin.

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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