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

Catalogue Number	CS-T-93329
Product Name	Aramite
CAS No.	140-57-8
Category	Pesticide Standards
Synonyms	Not available
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:

Skin irritation (Category 2)
Serious eye damage/eye irritation (Category 2)

2.2 Label Elements

Signal Word: Warning

Hazard Statement(s)

Code	Statement
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H350	Not available

H400	Not available
H351	Not available
H303	Not available
H316	Not available
H320	Not available

Precautionary Statement(s)

Code	Statement
P203	Not available
P264	Wash hands thoroughly after handling.
P264+P265	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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if presen
P318	Not available
P321	Specific treatment (see … on this label).
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Not available
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulatio
P301+P317	Not available

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Aramite
CAS Number : 140-57-8
Molecular Formula : C15H23ClO4S
Molecular Weight : 334.86
Parent Chemical : Not available

Synonyms : Not available
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
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

Property	Value
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: /LABORATORY ANIMALS: Acute Exposure/ Studies of acute toxicity in lab mammals place this acaricide near the boderline between toxicity classes 2 & 3 (rat oral LD50 3.9 g/kg). A large oral dose causes central nervous depression of long duration. Principal autopsy finding in animals was hemorrhagic syndrome involving particularly the lung. /LABORATORY ANIMALS: Acute Exposure/ Undiluted aramite (an oil) and its concentrated soln are irritating to skin and conjunctiva /of experimental animals/.
- Skin corrosion/irritation: /SIGNS AND SYMPTOMS/ In undiluted form /it/ may cause skin irritation.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: Cancer Classification: Group B2 Probable Human Carcinogen CLASSIFICATION: B2; probable human carcinogen. BASIS FOR CLASSIFICATION: Based on no human data and sufficient data from animal bioassays including increased incidence of liver tumors and/or neoplastic nodules in three strains of male and female rats and males of one strain of mice, and extrahepatic biliary system tumors in dogs following chronic oral exposure. HUMAN CARCINOGENICITY DATA: None. ANIMAL CARCINOGENICITY DATA: Sufficient.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.

- STOT-repeated exposure: CLASSIFICATION: B2; probable human carcinogen. BASIS FOR CLASSIFICATION: Based on no human data and sufficient data from animal bioassays including increased incidence of liver tumors and/or neoplastic nodules in three strains of male and female rats and males of one strain of mice, and extrahepatic biliary system tumors in dogs following chronic oral exposure. HUMAN CARCINOGENICITY DATA: None. ANIMAL CARCINOGENICITY DATA: Sufficient. /LABORATORY ANIMALS: Chronic Exposure or Carcinogenicity/ ...50 FDRL rats/sex/group /were fed/ 100, 200 or 400 ppm aramite in the diet for 104 weeks. Controls consisted of 100 rats/sex fed a basal diet containing no aramite. Weight gain reportedly was similar in all groups. Survival in all groups was 95% or greater in the first year of the study. At the end of the study, survival in the males was 59, 50, 46 and 46% in the control, low-, mid- and high-dose groups, respectively. In females survival was 61, 64, 40 and 34%, in the control, low-, mid-, and high-dose groups, respectively. Tumor incidence data were not reported by sex; however, no sex differences were noted in the pathology. There was a statistically significant dose-related increase in the incidence of hyperplastic liver nodules: 2/193, 2/93, 3/100 and 20/90 in rats (male and female data combined) in the control, low-, mid- and high-dose groups, respectively. The hyperplastic nodules described ... would now be classified as neoplastic liver nodules ... . Also, in the high-dose group two liver carcinomas and five bile duct adenomas were found; these tumor types were not observed in any other groups. Rats with carcinomas also had neoplastic nodules (hence were counted in the incidence data above), but it is unclear whether the rats with the bile duct adenomas also had neoplastic liver nodules.
- Aspiration hazard: No data available.

Likely routes of exposure
- No data available.

Symptoms related to the physical, chemical and toxicological characteristics
- /SIGNS AND SYMPTOMS/ In undiluted form /it/ may cause 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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