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

Catalogue Number	CS-EC-00023
Product Name	Quinomethionate
CAS No.	2439-01-2
Category	Pesticide Standards
Synonyms	Bayer 4964 6-methyl-[1,3]dithiolo[4,5-b]quinoxalin-2-one 6-Methyl-2,3-quinoxalinedithiol cyclic S,S-dithiocarbonate Bayer ss2074
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)
Acute toxicity (Category 4)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.

H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H373	Not available
H400	Not available
H410	Not available
H361	Not available
H318	Causes serious eye damage.
H371	Not available

Precautionary Statement(s)

Code	Statement
P203	Not available
P260	Not available
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P272	Not available
P273	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if presen
P317	Not available
P318	Not available
P319	Get medical help if you feel unwell.

P321	Specific treatment (see … on this label).
P330	Not available
P333+P317	Not available
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
P305+P354+P338	Not available
P308+P316	Not available

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Quinomethionate
CAS Number : 2439-01-2
Molecular Formula : C10H6N2OS2
Molecular Weight : 234.30
Parent Chemical : 6-methylquinoxaline-2,3-dithiol
Synonyms : Bayer 4964
6-methyl-[1,3]dithiolo[4,5-b]quinoxalin-2-one
6-Methyl-2,3-quinoxalinedithiol cyclic S,S-dithiocarbonate
Bayer ss2074
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
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

Property	Value
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) = 3,000 mg/m3/4h /LABORATORY ANIMALS: Acute Exposure/ When morestan was admin by /gavage/ for 4 days at dose of 75 mg/kg/day to rats, it inhibited some hepatic mixed-function oxidase systems. In females it is more active by peroral administration & in males by ip route.
- 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: Cancer Classification: Group B2 Probable Human Carcinogen
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Six groups, each comprising 5 male weanling rats were fed for 90 days, dietary levels of 0, 10, 25, 60, 150 and 500 ppm active ingredient of oxythioquinox as the 25% wettable powder. Body-weight gain was depressed at the 500 ppm level, probably due, at least in part, to diet rejection. Liver to body-weight ratio was significantly increased at 500 ppm. Investigations of liver microsomal enzyme activity (EPN detoxification, O-demethylase, and acetoacetic acid synthesis) showed depressed activity in all systems at 500 ppm, and acetoacetic acid synthesis was also inhibited at 150 ppm. Analysis of liver tissue failed to reveal the presence of oxythioquinox using a method sensitive to the detection of 0.5 ppm. /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Relatively low mammalian toxicity... rats fed 4 months at 50 mg/kg daily showed no abnormalities.
- 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

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

DISCLAIMER

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