

DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

Ethyl Oxamate

Revision date :

Page: 1/6

Version : 3.0

NUMBER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Chemical Name Ethyl Oxamate

CAS NO. 617-36-7

Relevant identified uses of the substance or mixture and uses advised against

1. It can also be used in preparation of 1,2,4-Thiadiazole, a Cathepsin B inhibitor.

Details of the supplier of the safety data sheet

COMPANY DR. J. PHARMACHEM PVT LTD

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Physical and Chemical Hazards Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Labelling according Regulation (EC) No 1272/2008 [CLP]

Label elements Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Other hazards none

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Component

Chemical Name Ethyl Oxamate

CAS NO 617-36-7

EC Number 210-512-8

Molecular Formula C₄H₇NO₃

Molecular Weight 117.10

Concentration <= 100 %

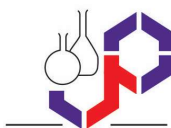
4 FIRST AID MEASURES

Description of first aid measures

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact Wash off with soap and plenty of water.

In case of eye contact Flush eyes with water as a precaution.



DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India
Telephone : +91 (20) 24530071
Email : info@jpharmachem.com, Web : www.jpharmachem.com
Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

Ethyl Oxamate

Revision date :

Page: 2/6

Version : 3.0

NUMBER

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

No data available

5 FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides Nitrogen oxides (NOx)

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

6 ACCIDENTAL RELEASE MEASURES

Personal precautions protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.

Environmental precautions

Do not let product enter drains

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

7 HANDLING AND STORAGE

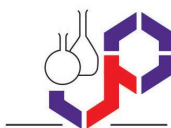
Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Information about protection against explosions and fires

No data available

Conditions for safe storage including any incompatibilities



DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India
Telephone : +91 (20) 24530071
Email : info@jpharmachem.com, Web : www.jpharmachem.com
Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

Ethyl Oxamate

Revision date :

Page: 3/6

Version : 3.0

NUMBER

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

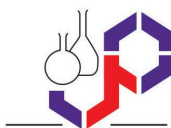
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Control of environmental exposure

Do not let product enter drains.

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	White powder
b) Odour	no data available
c) Odour Threshold	no data available
d) pH (% solution in water)	no data available
e) Melting point/freezing point	113 - 116 °C - lit.
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available



DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

Ethyl Oxamate

Revision date :

Page: 4/6

Version : 3.0

NUMBER

i) Flammability (solid or gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Autoignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information

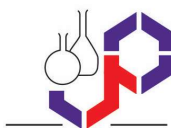
10 STABILITY AND REACTIVITY

Reactivity	no data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	no information available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In the event of fire: see section 5

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity	No data available
Acute Inhalation toxicity	No data available
Acute dermal 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



DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

Ethyl Oxamate

Revision date :

Page: 5/6

Version : 3.0

NUMBER

Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

12 ECOLOGICAL INFORMATION

Toxicity	no data available
Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to Algae/Aquatic plants	no data available
Toxicity to microorganisms	no data available

Persistence and degradability

Biodegradation

No data available

Bio accumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	No data available

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

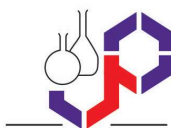
Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14 TRANSPORT INFORMATION



DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

Ethyl Oxamate

Revision date :

Page: 6/6

Version : 3.0

NUMBER

UN number

ADR/RID

IMDG

IATA

-

-

-

UN proper shipping name

ADR/RID

IMDG

IATA

Not dangerous goods

Not dangerous goods

Not dangerous goods

Transport hazard class(es)

ADR/RID

IMDG

IATA

-

-

-

Packaging group

ADR/RID

IMDG

IATA

-

-

-

Environmental hazards

ADR/RID

IMDG Marine pollutant

IATA

no

no

no

Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

15 REGULATORY INFORMATION

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16 OTHER INFORMATION

Month of Creation

March 2023

Month of Revision

March 2027