



Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date: 20.04.2010

Revision: 20.04.2010

1 Identification of the substance/preparation and of the company/undertaking

Product name: **2,4-Diethoxy-5-methyl pyrimidine**
Synonyms: 2,4-Diethoxy-5-methylpyrimidine; Vethymine
Application of the substance/the preparation: Chemical intermediate; chemical speciality
Manufacturer/Supplier: VUP, a.s.
Nábrežná 4
971 04 Prievidza, Slovakia
Tel: 00421-46-5430841
Fax: 00421-46-5430261
E-mail: kbu@vupas.sk

2 Hazards identification

Not hazardous substance or preparation according to EC-Directive 67/548/EC or 1999/45/EC.

3 Composition/information on ingredients

Formula: $C_9H_{14}N_2O_2$
Molecular Weight: 182.23

Name	CAS	EC-No.	Index-No.	Classification	Concentration
2,4-Diethoxy-5-methyl pyrimidine	7193-87-5	230-558-2	-	-	min. 90 %

4 First aid measures

After eye contact:

Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids. Seek medical attention.

After skin contact:

Immediately wash skin with copious amounts of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

After ingestion:

Wash out mouth with copious amounts of water provided person is conscious. Do not induce vomiting. Seek medical attention.

After inhalation:

Remove to fresh air immediately. If not breathing give artificial respiration. If breathing difficult, give oxygen. Seek medical attention.

Notes to Physician:

Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media:

Use extinguishing media appropriate to surrounding fire conditions, water spray, dry chemical, chemical foam or alcohol resistant foam. Never use a direct water jet.

Special fire fighting procedures:

Protective clothing and self-contained breathing apparatus should be worn to prevent contact with skin.

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Unusual fire and explosion hazards:

Emits imitation and highly toxic fumes under fire condition.

6 Accidental release measures

Personal precautions:

Wear self-contained breathing apparatus, rubber boots and rubber gloves.

Method for cleaning up:

Evacuate area. Sweep up, carefully place material into a clean dry closed container and hold for waste disposal. Avoid rasing dust. Ventilate the area and wash spill after material pick up is complete.

7 Handling and storage

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Avoid inhalation and ingestion.

Storage:

Store indoors at a constant temperature, if possible, preferably around 15 °C in dry, well ventilated conditions in full, sealed, opaque containers. Keep away from sources of ignition.

8 Exposure controls/personal protection

Personal protection

Eyes: Wear suitable eye protection – chemical safety goggles.

Skin: Wear suitable protection clothing.

Respirators: Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Hand protection: Wear chemical resistant gloves.

Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations level as low as possible.

General: Safety shower and eye bath. Do not get into eyes, on skin or on clothing. Avoid prolonged or repeated exposure.

9 Physical and chemical properties

Physical State: Solid
Color: pale yellow
Freezing/Melting Point: 34 - 36 °C
Soluble in: alcohol, toluen

10 Stability and reactivity

Stability:

Stable under normal temperatures and pressures.

Conditions to avoid:

Incompatible materials.

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Material to avoid:
Strong oxidizing agents.

Hazardous combustion products:
Toxic fumes of carbon monoxide, carbon dioxide and nitrogen oxides.

11 Toxicological information

Health hazards: None identified

Physico-chemical hazards: Not classified as dangerous according to ECC criteria, however, the product can sustain a fire.

Sign and symptoms of exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Route of exposure

Skin contact: May cause skin irritation.

Skin absorption: May be harmful if absorbed through the skin.

Eye contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

12 Ecological information

Data not yet available.

13 Disposal considerations

Dispose of in a manner consistent with federal, state, and local regulations.

14 Transport information

RID/ADR - Not regulated as hazardous for transport.

IMDG - Not regulated as hazardous for transport.

IATA - Not regulated as hazardous for transport.

15 Regulatory information

European/International Regulations

European Labeling in Accordance with EC Directives.

No risk and safety phrases are given.

Not classified as dangerous, no hazard label required.

16 Other information

This Safety Data Sheet is not a Product Specification. It is based on our present knowledge and experience and it is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.