



MATERIAL SAFETY DATA SHEET

Dieckol

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Chemical Name: Dieckol
Product ID: TBZ0262
Synonyms:
Recommended uses: For R&D purposes
Supplier: Chem Norm ,No.666 Gaoxin Road,East Lake High
tech-Development Zone, Wuhan, China
Emergency contact numbers: Telephone: +86(027) 8439 4403
Mobile: +86 189 7148 6879

2. HAZARDS IDENTIFICATION

Classification:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.
Not a hazardous substance or mixture according to EC-Directives 67/548/EEC or 1999/45/EC.

Labelling and precautionary statements:

Caution - substance not fully tested.

Hazard statement(s): Not required.

Precautionary statement(s):

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye
protection/face protection.

Hazard symbol(s): Data not available.

R-phrases(s): Data not available.

S-phrases(s): S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.
S36/37 Wear suitable protective clothing and gloves

3. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Formula: C₃₆H₂₂O₁₈ Molecular weight: 743.55 CAS Number: 88095-77-6

Synonyms: Dieckol

4. FIRST AID MEASURES

Eye contact: Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.

Skin contact: In case of contact remove contaminated clothing and

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	immediately wash affected areas with copious quantities of water and soap for at least 15 minutes. Get medical aid immediately. Wash contaminated clothing before reuse.
Inhalation:	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.
Ingestion:	Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Call a physician.
Notes to Physician:	Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Personal precautions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing media:	In case of fire use water spray, dry chemical powder, carbon dioxide, or alcohol-resistant foam.
Special hazards arising from the substance or mixture:	The thermal decomposition may include nitrogen and carbon oxides

6. ACCIDENTAL RELEASE MEASURES

General Information:	Use proper personal protective equipment as indicated in Section 8.
Personal precautions:	Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid contact with skin and eyes. Avoid dust formation. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation.
Environmental precautions:	Do not let product enter the drains.
Spills/Leaks:	Sweep up and place the material in appropriate container for disposal without creating dust and dispose of as hazardous waste. Ventilate area, clean up spills and wash spill site after material pickup is complete, observing precautions in the Protective Equipment section.

7. HANDLING AND STORAGE

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Do not breathe dust.
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Storage: Store in a cool, dark, dry, well-ventilated area away from heat and moisture. Keep container tightly closed.
Refrigerate. Keep cold. Store at 2 - 8 ° C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protection equipment:

Eye protection: Wear appropriate protective safety glasses with side-shields conforming to EN166, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection: Wear appropriate protective gloves to prevent skin exposure, as defined in EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection: Appropriate protective clothing, overalls.

Respiratory protection: Where risk assessment indicates air-purifying respirators are required use a dust mask type P95 (US) or type P1 (EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Respirators and components must tested and approved under appropriate government standards - NIOSH (US) or CEN (EU).

Hygiene measures: Use good working practices. Wash hands and face thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish solid

Odour: Data not available/does not apply.

Odour threshold: Data not available/does not apply.

pH: Data not available/does not apply.

Melting point: Data not available/does not apply.

Boiling point: Data not available/does not apply.

Flash point: Data not available/does not apply.

Evaporation rate: Data not available/does not apply.

Flammability: Data not available/does not apply.

Flammability or explosive limits: Data not available/does not apply.

Vapor pressure: Data not available/does not apply.

Vapor density: Data not available/does not apply.

Relative density: Data not available/does not apply.

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Solubility:	Soluble (DMSO, methanol, alkaline aqueous solutions).
Partition coefficient: n-octanol/water	Data not available/does not apply.
Auto-ignition temperature:	Data not available/does not apply.
Decomposition temperature:	Data not available/does not apply.
Viscosity:	Data not available/does not apply.

10. STABILITY AND REACTIVITY

Chemical stability:	This material is stable if stored as directed
Conditions to avoid:	Avoid moisture, light, excess heat, incompatible materials, strong oxidizers.
Incompatibilities with other materials:	Oxidizing agents, acids, alkalis.
Hazardous decomposition products:	Data not available.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

RTCS #:	Data not available.
Acute toxicity:	Data not available.
Skin corrosion/irritation:	Data not available.
Serious eye damage/eye irritation:	Data not available.
Respiratory or skin sensitization:	Data not available.
Germ cell mutagenicity:	Data not available.
Carcinogenicity: IARC:	Data not available.
Reproductive toxicity:	Data not available.
Specific target organ toxicity - single exposure:	Data not available.
Specific target organ toxicity - repeated exposure:	Data not available.
Aspiration hazard:	Data not available.
Signs and symptoms of exposure:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
Target organs:	Data not available.
Potential health effects:	Developmental toxicity: rat: unreported. Effects on embryo or fetus: fetotoxicity (except death, e.g., stunted fetus). Effects on fertility: postimplantation mortality (e.g., dead and/or resorbed implants per total number of implants).
Eye:	May cause eye irritation.
Skin:	May be harmful by skin absorption. May cause skin irritation.
Ingestion:	Harmful if swallowed.
Inhalation:	May be harmful if inhaled. Material may be irritating to mucous membranes and



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upper respiratory tract.

Chronic:

No information found.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

ADR/RID

Not classified as hazardous for transport.

IMDG

Not classified as hazardous for transport.

IATA

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

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

16. ADDITIONAL INFORMATION

Further information on PPE:

European Standard & performance category markings:

EN143 - Particulates filter.

EN374 - Protects hands against chemicals and/or microorganisms.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

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