

Material Safety Data Sheet

Product Name: Dichlormid

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Dichlormid
CAS: 37764-25-3
Molecular Weight: 208.1
Chemical Formulation: C₈H₁₁Cl₂NO
Chemical Structure: Cl₂CHCON(CH₂CH=CH₂)₂
Uses: Increases the tolerance of maize to thiocarbamate herbicides.
Manufacturer: Nanjing Essence Fine-Chemical Co., Ltd
Address: 5th Floor, Suoye Road 18#, Nanjing, China
Telephone Number: +86 25 86465997
+86 25 86466001
Fax Number: +86 25 86455985
Website: www.essencechem.com

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average by Weight</u>
Dichlormid	37764-25-3	97%

SECTION 3. HAZARDS IDENTIFICATION

Known Hazards: Non-hazardous

SECTION 4. FIRST AID MEASURES

Skin: Wash with water.
Ingestion: Give water to dilute. Medical assistance for gastric lavage.
Inhalation: Remove to fresh air, artificial respiration or oxygen if necessary.

Exposure limits: No occupational exposure limits established.
Ventilation: Ventilation needed.
Eye protection: Wear splash resistant safety goggles with a faceshield. Provide

an emergency eye wash fountain and quick drench shower in the immediate work area.

Clothing: Wear appropriate chemical resistant clothing.

Gloves: Wear appropriate chemical resistant gloves.

SECTION 5. FIRE FIGHTING MEASURES

Fire Fighting Move container from fire area if it can be done without risks.
Fight large fires from a protected location or safe distance.
Stay away from the ends of tanks. Dike for later disposal. Do not scatter spilled material with high-pressure water streams.
Use extinguishing agents appropriate for surrounding fire.
Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas

SECTION 6. ACCIDENTAL RELEASE MEASURES

Safeguards: Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Provide adequate ventilation.

SECTION 7. HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: No occupational exposure limits established.

Ventilation: Ventilation needed.

Eye protection: Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Clothing: Wear appropriate chemical resistant clothing.

Gloves: Wear appropriate chemical resistant gloves.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear viscous liquid; (tech., amber-to-brown).

Boiling Point: 130 °C/10 mmHg

Vapor Pressure: 800 mPa (25 °C)

Specific Gravity: 1.202 (20 °C); (tech., 1.192-1.204)

Solubility in Water: In water c. 5 g/l. In kerosene c. 15 g/l. Miscible with acetone, ethanol, and xylene.

SECTION 10. STABILITY AND REACTIVITY

Stability: Unstable above 100 °C. Decomposes violently if heated with iron. Stable to light.

Conditions to Avoid: Unstable above 100°C. Decomposes violently if heated with iron. Stable to light.

Incompatibility: not available

Hazardous Decomposition not available

Hazardous Polymerization: Will not polymerize.

SECTION 11. TOXICOLOGICAL INFORMATION

Oral: Acute oral LD50 for male rats 2816, female rats 2146 mg/kg.

Skin and eye: Acute percutaneous LD50 for rabbits >5000, rats >2000 mg/kg. Mild skin irritant; slightly irritating to eyes (rabbits). Mild skin sensitiser (guinea pigs).

Inhalation: LC50 (1 h) for rats >5.5 mg/l air.

SECTION 12. ECOLOGICAL INFORMATION

Birds: Dietary LC50 (5 d) for mallard ducks 14 500, bobwhite quail >10 000 mg/kg diet.

Fish: LC50 (96 h) for rainbow trout 141 mg/l.

Daphnia: LC50 (48 h) 161 mg/l.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Via licensed disposal company. Dispose of according to federal and local regulations.

SECTION 14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

This product is not hazardous under the applicable DOT, ICAO / IATA, or IMDG regulations.

SECTION 15. REGULATORY INFORMATION

Not available

SECTION 16. OTHER INFORMATION

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the PRODUCT AS SUCH. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

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