# SAFETY DATA SHEET

**1. PRODUCT AND COMPANY IDENTIFICATION**
**1.1 Product identifiers**
Product name :
2,6-Diamino-4-chloropyrimidine
Product Number : C33204
Brand : Conier
CAS-No. : 156-83-2
**1.2 Relevant identified uses of the sub stance or mixture and uses advised against**
Identified uses : Laboratory chemicals, Manufacture of substances
**1.3 Details of the supplier of the safety data sheet**
Emergency:+86-23-62922305
Fax:+86-23-62459727
Tel:+86-23-62922305
Address:11F, #20 building, #18 Fuquan Road, Jiangbei District, CHONGQING 400020, P.R China
Company:Conier Chem & Pharma Limited
**1.4 Emergency telephone number**
Emergency Phone # : +1-703-527-3887 (CHEMTREC)
**2. HAZARDS IDENTIFICATION**
**2.1 Classification of the substance or mixture**
**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**
Acute toxicity, Oral (Category 4), H302
Skin irritation (Category 2), H315
Pictogram



Signal word Warning
Eye irritation (Category 2A), H319
Hazard statement(s)
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
Precautionary statement(s)
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
For the full text of the H-Statements mentioned in this Section, see Section 16.
P280 Wear protective gloves/ eye protection/ face protection.
**2.2 GHS Label elements, incl uding precautionary statements**
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P321 Specific treatment (see supplemental first aid instructions on this label).
P330 Rinse mouth.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.
**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS** - none

**3. COMPOSITION/INFORMATION ON INGREDIENTS**
**3.1 Substances**
Synonyms : 4-Chloro-2,6-diaminopyrimidine
Formula : C4H5ClN4
Molecular Weight : 144.56 g/mol
CAS-No. : 156-83-2
EC-No. : 205-863-9
**Hazardous components**
Component Classification Concentration
**4-Chloro-2,6-diaminopyrimidine**
Acute Tox. 4; Skin Irrit. 2; Eye -
Irrit. 2A; STOT SE 3; H302,
H315, H319, H335
For the full text of the H-Statements mentioned in this Section, see Section 16.
**4. FIRST AID MEASURES**
**4.1 Description of first aid measures**
**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.
**If inhaled**
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
**In case of skin contact**
Wash off with soap and plenty of water. Consult a physician.
**In case of eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
**4.2 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
**4.3 Indication of any immediate medical attention and special treatment needed**
**5. FIREFIGHTING MEASURES**
**5.1 Extinguishing media**
**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
**5.2 Special hazards arising from the substance or mixture**
Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas
**5.3 Advice for firefighters**
Wear self contained breathing apparatus for fire fighting if necessary.
**5.4 Further information**
no data available
**6. ACCIDENTAL RELEASE MEASURES**
**6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.
**6.2 Environmental precautions**
Do not let product enter drains.
**6.3 Methods and materials for containment and cleaning up**
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
**6.4 Reference to other sections**
For disposal see section 13.
**7. HANDLING AND STORAGE**
**7.1 Precautions for safe handling**
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.
For precautions see section 2.2.
**7.2 Conditions for safe stora ge, including any incompatibilities**
Keep container tightly closed in a dry and well-ventilated place.
Keep in a dry place.
**7.3 Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Control parameters**
**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

**Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved

**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.

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator.For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic phys ical and chemical properties**

a) Appearance Form: powder
Colour: light yellow
components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
b) Odour no data available

**Control of environmental exposure**

Do not let product enter drains.
c) Odour Threshold no data available
d) pH no data available
e) Melting point/freezing Melting point/range: 199 - 202 °C (390 - 396 °F) - lit.
point
f) Initial boiling point and no data available
boiling range
g) Flash point no data available
h) Evapouration rate no data available
i) Flammability (solid, gas) no data available
j) Upper/lower no data available
flammability or
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- log Pow: 0.222
octanol/water
explosive limits
p) Auto-ignition no data available
temperature
q) Decomposition no data available
temperature
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**

**10.1 Reactivity**

no data available

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Oxidizing agents

**10.6 Hazardous decomposition products**

Other decomposition products - no data available
In the event of fire: see section 5

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

no data available
Dermal: no data available
no data available
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

**Skin corrosion/irritation**

probable, possible or confirmed human carcinogen by IARC.
no data available
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a

**Serious eye damage/eye irritation**

carcinogen or potential carcinogen by ACGIH.
no data available
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a

**Respiratory or skin sensitisation**

known or anticipated carcinogen by NTP.
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. The preceding data, or
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a
interpretation of data, was determined using Quantitative Structure Activity Relationship (QSAR) modeling.
carcinogen or potential carcinogen by OSHA.

**Germ cell mutagenicity**

**Reproductive toxicity**

no data available
no data available

**Carcinogenicity**

no data available

**Specific target organ toxicity - single exposure**

Inhalation - May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure**

**Aspiration hazard**

no data available

**Additional Information**

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

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

no data available

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORT INFORMATION**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**15. REGULATORY INFORMATION**

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

4-Chloro-2,6-diaminopyrimidine 156-83-2

**New Jersey Right To Know Components**

CAS-No. Revision Date

4-Chloro-2,6-diaminopyrimidine 156-83-2

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**16. OTHER INFORMATION**

**Full text of H-Statements referred to under sections 2 and 3.**

Acute Tox. Acute toxicity

Eye Irrit. Eye irritation

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Skin Irrit. Skin irritation

**HMIS Rating**

Health hazard: 2

Chronic Health Hazard:

Flammability: 0

Physical Hazard 0

**NFPA Rating**

Health hazard: 2

Fire Hazard: 0

Reactivity Hazard: 0

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. CONIER Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.conier.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

**Preparation Information**

Prepared by: Conier Chem & Pharma Limited Revision Date: 2026/07/27