



# Green Chemicals Co., Ltd.

Address: No.6,DingLan Road, AoYang Industrial Park, FuNing,YanCheng, P.R.China  
Contact: Manager Jiang Tel: +86-515-87883661 E-mail:market@greenchem-china.com

## MATERIAL SAFETY DATA SHEET

Verison 2.0

Revision Date:03/13/2019

### 1. CHEMICAL PRODUCT & COMPANY INFORMATION

Company Information	Green Chemicals Co., Ltd No.6,DingLan Road, AoYang Industrial Park, FuNing,YanCheng, P.R.China
Phone Number:	+86-515-87883661
Email:	market@greenchem-china.com
Website:	www.greenchem-china.com/
Use:	For industrial use only

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral(Category 4), H302

Skin irritation(Category 2), H315

Eye irritation(Category 2), H319

Specific target organ toxicity -single exposure(Category 3), Respiratory system, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2. GHS Label elements, including precautionary statements

Pictogram



Signal Word:

Warning

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.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements

None



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### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Synonyms:	3,5-Dimethylpyrazole
Formula:	C <sub>5</sub> H <sub>8</sub> N <sub>2</sub>
Molecular weight	96,13 g/mol
CAS-No.	67-51-6
EC-No.	200-657-5

### 3.2 Hazardous components

Component	Classification	Concentration
3,5-Dimethylpyrazole	-	≧ 100 %

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.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin: Wash off with soap and plenty of water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: 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

No data available

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## 5. FIRE FIGHTING 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 (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.



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### 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.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

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

### 7.3 Specific end use(s)

No data available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

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 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.

Body Protection:

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and



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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 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

Physical Form:	crystalline
Color:	white
Odor:	N/A
Initial boiling point and boiling range:	218 °C-lit.
Freezing/Melting Point:	Melting point/range: 105 -108 °C-lit.
Water solubility :	N/A
Vapor Density:	N/A
Vapor Pressure:	N/A
Relative density:	N/A
Specific Gravity:	N/A
Viscosity:	N/A
PH:	N/A
Partition Coefficient (Octanol/Water):	N/A
Flash point:	N/A

### 10. STABILITY AND REACTIVITY

Chemical stability :	Stable under recommended storage conditions.
Conditions to Avoid:	No data available
Incompatible materials:	Strong oxidizing agents
Possibility of Hazardous	No data available
Hazardous decomposition products :	Hazardous decomposition products formed under fire conditions.- Carbon oxides, Nitrogen oxides (NOx) Other decomposition products - No data available In the event of fire: see section 5

### 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	No data available
Skin Irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitisation:	No data available
Carcinogenicity (IARC; NTP; OSHA; ACGIH):	No data available
Mutagenicity:	No data available



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Reproductive Toxicity:	No data available
Teratogenicity:	No data available
Neurotoxicity:	No data available
Subacute Toxicity:	No data available
Subchronic Toxicity:	No data available
Additional Information:	No data available

### 12. ECOLOGICAL INFORMATION

Toxicity to Fish:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment test:	No data available
Other adverse effects:	No data available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product :	Offer surplus and non-recyclable solutions to a licensed disposal company.Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging:	Dispose of as unused product.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number:

ADR/RID:	-
IMDG:	-
IATA:	-

#### 14.2 UN proper shipping name

ADR/RID:	Not dangerous goods
IMDG:	Not dangerous goods
IATA:	Not dangerous goods

#### 14.3 Transport hazard class(es)

ADR/RID:	-
IMDG:	-
IATA:	-

#### 14.4 Packaging group

ADR/RID:	-
IMDG:	-



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IATA: -

### Further information:

No data available

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
3,5-Dimethylpyrazole	3,5-Dimethylpyrazole	67-51-6	
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.

## 16. OTHER INFORMATION

Disclaimer:

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. Green Chemicals Co.,Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.