

# SAFETY DATA SHEET

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Revision:2

Aug.13, 2012

Blue chalk

NB2012080420-6



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

### Identification of the substance or mixture:

**Product name :** Blue chalk

**Reach registration no.:** Not available

**Use of the substance/ mixture:** Snap line, mark

### Company/undertaking identification:

**Company name:** WuXi XinKe Tools Manufacture Co.,Ltd

**Contact person:** JACKIE

**Address:** Shuofang Industrial Concentrated Zone,New District,Wuxi

**Telephone number:**+86-510-85311026

**E-mail address:** JACKIECHEN@SINCOTOOLS.COM

**Emergency telephone:** +86-510-85311026

## 2. HAZARDS IDENTIFICATION

### Classification of the substance according to directives 67/548/EEC and CLP:

Not classified.

**Describe the most adverse physicochemical, human health and environmental effects and symptoms relating to the uses and possible misuses of the substance or mixture that can reasonably be seen:**

Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation. The substance may be toxic to kidneys.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Concentration (%)	EINECS or ELINCS Number	CAS Number	Classification according to 67/548/EEC	Classification according to Regulation(EC) No 1272/2008(CLP)
Calcium carbonate	80-85	207-439-9	471-34-1	----	----
Ultramarine blue	15-20	257-098-5	57455-37-5	----	----

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#### 4. FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. Get medical attention.

**Skin contact:**

Wash with plenty of water thoroughly.

**Eye contact:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Get medical aid.

**Ingestion:**

Get medical aid Immediately if swallowed.

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Non-flammable.

**Extinguishing media which shall not be used for safety reasons:**

Not available.

**Special exposure hazards arising from the substance or mixture: itself, combustion product, resulting gases:**

Will ignite and burn fiercely in contact with fluorine. When a mixture of calcium carbonate and magnesium is heated in a current of hydrogen, a violent explosion occurs. The substance can react dangerously with: fluorine, acids, acidic ammonia compounds; acidic salts; heat; carbondioxide.

**Special protective equipment for fire-fighters:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Ensure adequate ventilation. Avoid contact with eyes. Do not breathe dust.

**Environmental precautions:**

Do not allow to enter sewers/surface or ground water.

**Methods for cleaning up:**

Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local conditions.

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## 7. HANDLING AND STORAGE

**Handling:**

Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

**Storage:**

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

**Specific use(s):**

No data available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit values:**

TWA: 10 (mg/m3) from ACGIH (TLV) [United States] Inhalation Total.

TWA: 10 STEL: 20 (mg/m3) [Canada] Inhalation Total.

TWA: 5 (mg/m3) from OSHA (PEL) [United States] Inhalation Respirable.

TWA: 15 from OSHA (PEL) [United States] Inhalation Total.

Consult local authorities for acceptable exposure limits. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Occupational exposure controls:**

**Respiratory protection:**

Dust respirator.

**Hand protection:**

Gloves.

**Eye protection:**

Splash goggles.

**Hygiene measures:**

Keep good hygiene habit.

**Environmental exposure controls:**

No data available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Powdered solid.

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<b>Colour/Odour</b>	:	Blue/odourless.
<b>pH</b>	:	No data available.
<b>Boiling point/boiling range</b>	:	No data available.
<b>Flash point</b>	:	No data available.
<b>Flammability(solid ,gas)</b>	:	No data available.
<b>Explosive properties</b>	:	No data available.
<b>Oxidising properties</b>	:	No data available.
<b>Vapour pressure</b>	:	No data available.
<b>Relative density</b>	:	No data available.
<b>Solubility</b>	:	Very slightly soluble in cold water. Soluble in dilute acid. Insoluble in alcohol.
<b>Partition coefficient:n-octanol/water</b>	:	No data available.
<b>Viscosity</b>	:	No data available.
<b>Vapour density</b>	:	No data available.
<b>Evaporation rate</b>	:	No data available.

## 10. STABILITY AND REACTIVITY

### Conditions to avoid:

Incompatible Materials.

### Materials to avoid:

Oxidizing agents, acids.

### Hazardous decomposition products:

Calciumoxid, Kohlendioxid.

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution:

LD50 Oral: 6450mg/kg (Rat).

### Acute effects(acute toxicity, irritation and corrosivity):

May cause damage to the following organs: kidneys. Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

### Sensitisation:

No data available.

### Repeated dose toxicity:

No data available.

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**CMR effects(carcinogenity, mutagenicity and toxicity for reproduction):**

No data available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

No data available.

**Mobility:**

No data available.

**Persistence and degradability:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Bioaccumulative potential:**

No data available.

**Results of PBT assessment:**

The product itself and its products of degradation are not toxic.

**Other adverse effects:**

No data available.

## 13. DISPOSAL CONSIDERATIONS

**Specify the appropriate methods of disposal of both the substance or mixture: and any contaminated packaging:**

Do not allow product to reach sewage system. Dispose of in a manner consistent with federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

IMDG: Not regulated.

ADR/RID: Not regulated.

ICAO/IATA: Not regulated.

## 15. REGULATORY INFORMATION

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

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Other Regulations: Federal and State Regulations: TSCA 8(b) inventory: Calcium carbonate

Other Classifications: WHMIS (Canada): Not controlled under WHMIS (Canada).

Not a dangerous substance according to GHS.

## 16. OTHER INFORMATION

### Sources of key data used to compile the data sheet:

European Chemicals Bureau

The contents and format of this SDS are in accordance with Directives 67/548/EEC, Regulation (EC) No 1907/2006 (REACH) Annex II and Regulation (EC) No 1272/2008(CLP).

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